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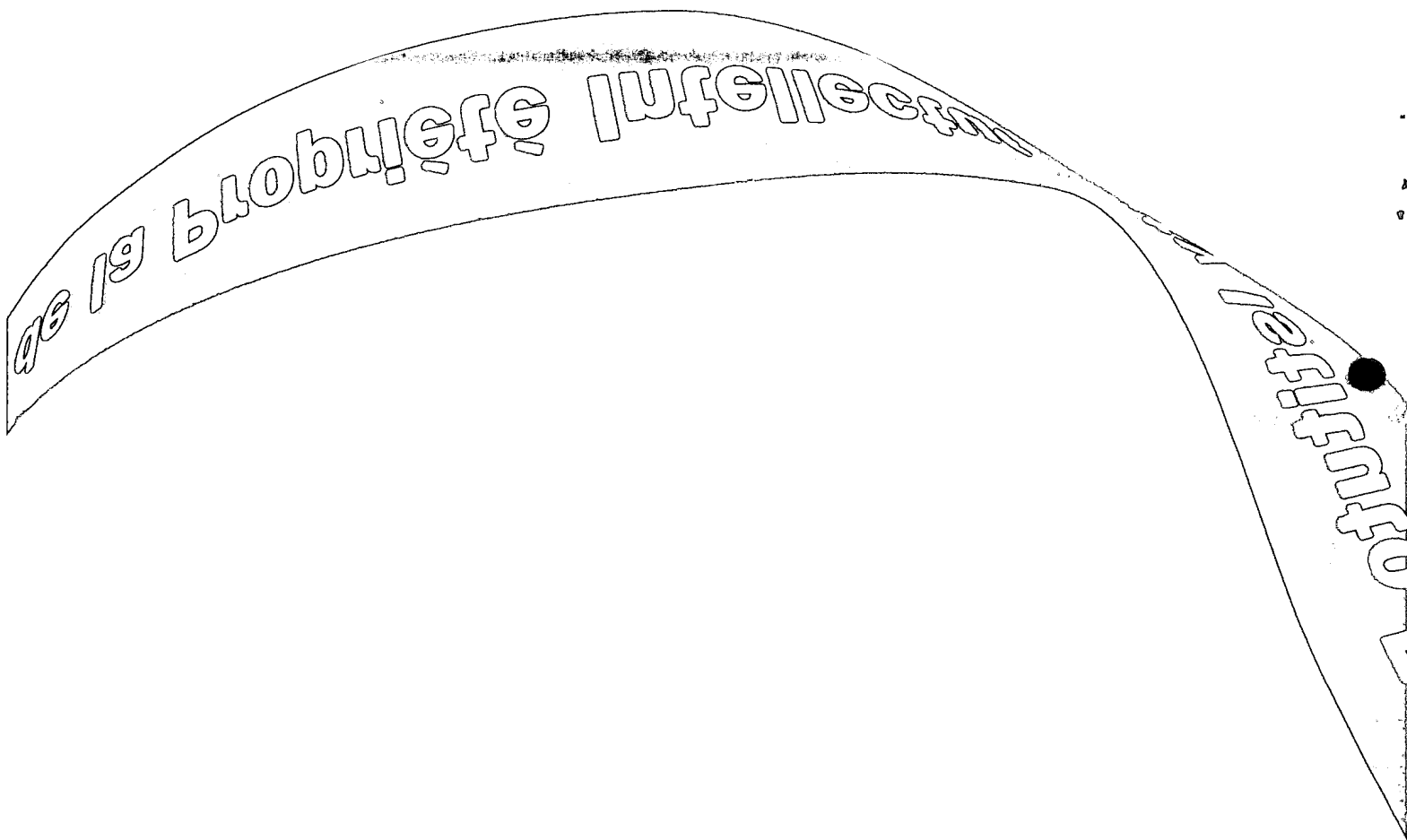
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Amministrazione dei brevetti

  
Rolf Hofstetter



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**Domanda di brevetto no 1999 0311/99**

CERTIFICATO DI DEPOSITO (art. 46 cpv. 5 OBI)

L'Istituto Federale della Proprietà Intellettuale accusa ricevuta della domanda di brevetto svizzero specificata in basso.

Titolo:

Composizioni farmaceutiche contenenti composti ad attività promotrice di assorbimento di principi attivi.

Richiedente:

INPHARMA S.A.  
Via F. Borromini 3  
CH-6900 Lugano

Mandatario:

Patentanwaltsbüro R.A. Maspoli  
Witikon-Zentrum Postfach 191  
8053 Zürich

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PA 99/51 CH

COMPOSIZIONI FARMACEUTICHE CONTENENTI COMPOSTI AD ATTIVITA'  
PROMOTRICE DI ASSORBIMENTO DI PRINCIPI ATTIVI

5 L'invenzione qui descritta si riferisce a delle composizioni farmaceutiche, a l'utilizzazione di composti come agenti ad attività promotrice di assorbimento di principi attivi ed a composti specifici, tutto secondo le parti generali delle rivendicazione 1, 2, 5, 6 e 10 seguenti.

10 Problemi legati all'assorbimento cutaneo dei p.a. in forme farmaceutiche topiche e transdermali (drug delivery systems) è noto ed oggetto di brevettazione. [1] Percutaneous absorption: mechanisms-methodology-drug delivery, 2 Ed., Brnough Maibach, MARCEL DEKKER, INC.

15 Tra i più significativi esempi riportati nella letteratura scientifica possiamo menzionare l'attività enhancer del decilmetilsolfossido per incrementare la permeazione cutanea dell'idoxuridina [2] Touitou, E. (1988). Int. J. Pharm. 43:1. L'effetto del dodecilazacicloheptan-2-one (laurocapram Azone) di promuovere l'assorbimento di varie molecole è stato indagato da Stoughton [3] Stoughton, R.B. (1982) Arch. Dermatol. 118:474. e da Sugibayashi [4] Sugibayashi, K., Hosoya, K., Morimoto, Y., and Higuchi, W.I. (1985). J. Pharm. Pharmacol. 37:578

20 Il mercato ha messo a disposizione sostanze inizialmente con un utilizzo in campi differenti dal farmaceutico che poi si sono rivelati di notevole importanza nel campo farmaceutico. Tra queste, possiamo trovare una classe di composti Perfluoropolietere (PFPE) [5] ottenuti dalla polimerizzazione di esafluoropropene con ossigeno attivato dalle radiazioni UV e successivamente trattato per ottenere un prodotto di grado cosmetico [6] quale eccipiente per preparati atti alla preparazione i prodotti ad effetto barriera [7].

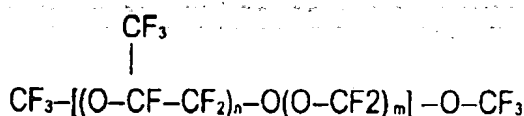
25 RIASSUNTO DELL'INVENZIONE

La seguente invenzione consiste nell'utilizzare i PFPE quali promotori di assorbimento di PA farmacologicamente attivi in forme farmaceutiche topiche e/o in formulazioni transdermali (drug delivery systems) contenenti miscele o almeno un PA per promuoverne l'assorbimento.

30 Questi composti se inclusi in formulazioni farmaceutiche contenenti una associazione o almeno un PA possono modificare la capacità di permeazione dei PA attraverso la cute, evidenziando una sorprendente e inaspettata capacità di promuovere la penetrazione dei PA

35 In accordo con il primo aspetto dell'invenzione, l'inclusione di una quantità di PFPE può essere applicata in formulazioni topiche convenzionali, quali ad esempio, ma non esclusivamente: creme, emulsioni liquide, unguenti, lozioni, microemulsioni, schiume, gel, polveri aspersorie; ed in formulazioni transdermali (drug delivery systems).

Con il termine di PFPE si intende molecole con struttura chimica



dove  $n/m = 20+40$

- 10 Con pesi molecolari compresi tra i 650 e 6250,  
C.A.S. Name: 1-Propene, 1,1,2,3,3,3-hexafluoro-, oxidized and polymerized  
C.A.S. number: 69991-67-9

- 15 E' stato sorprendentemente trovato che l'inclusione di una quantità di PFPE in concentrazioni comprese tra lo 0,01% p/p e il 60% p/p, in formulazioni topiche e/o transdermali (drug delivery systems) riesce ad incrementare la permeabilità cutanea di PA a oltre 5-20 volte la loro capacità naturale, permettendo così di migliorarne l'assorbimento e ottimizzarne l'effetto sistemico attraverso adatte forme farmaceutiche.

#### DESCRIZIONE DETTAGLIATA DELL'INVENZIONE

- 20 La comprensione dell'invenzione è facilitata dalla descrizione di alcune valutazioni della permeabilità cutanea di alcune formulazioni contenenti differenti PA.  
Nell'esempio A viene evidenziato l'aumento della permeabilità di circa 10 volte di una formulazione a base di troxerutina contenente il 3% di PFPE rispetto alla formulazione base.
- 25 Nell'esempio B viene dimostrata la correlazione *concentrazione PFPE-permeazione cutanea* di formulazioni contenenti Nimesulide e concentrazioni crescenti di PFPE.  
Nell'esempio C vengono comparate le velocità di permeazione di formulazioni contenenti alcuni antinfiammatori non steroidei versus formulazioni addizionate del 3% di PFPE.

#### 30 **Esempio A**

Verifica del passaggio di TROXERUTINA attraverso cute porcina di differenti formulazioni contenenti diversi tipi di promotori di assorbimento. In particolare è stato studiato il profilo di rilascio della TROXERUTINA da formulazioni contenenti PFPE, Acido nor-chenodesossicolico e transcutol, verso una formulazione di riferimento.

#### 35 **Parte sperimentale:**

Apparecchiature: Celle di Franz (produttore: Crown Glass Company Inc. New Jersey)

- Le celle di diffusione di Franz sono uno dei sistemi principali per gli studi di permeazione in ex-vivo. In questo studio si sono utilizzate tre celle aventi ciascuna un compartimento donatore di 9 mm di diametro corrispondente ad un'area di diffusione di 64 mm<sup>2</sup>.

40 Il compartimento ricevente ha una capienza di 4,8 ml. La camera recettoriale è ermostatata a 37°C ± 1.

- 45 Sistema Analitico: H.P.L.C. Gilson Mod.305 con rivelatore Spectra physics Mod Spectra 200

## Formulazioni :

	A	B	C	D
Troxerutina	3	3	3	3
Fosfatidilcolina	7	7	7	7
Tocoferolo acetato	0,5	0,5	0,5	0,5
Sepigel 305	4	4	4	4
Metile-p-idrossibenzoato	0,15	0,15	0,15	0,15
Propile-p-idrossibenzoato	0,05	0,05	0,05	0,05
Fenossietanolo	1	1	1	1
PFPE	3	-	-	-
Ac.nor-chenodesossicolico	-	0,4	-	-
Transcutol	-	-	15	-
Acqua depurata	q.b.a 100	q.b.a 100	q.b.a 100	q.b.a 100

Preparazione della cute

I campioni di cute porcina sono stati prelevati dall'orecchio interno di maiale appena sacrificato.

I campioni vengono immersi per 24 ore a 4 °C in una soluzione di tampone a pH 7,4.

Sucessivamente vengono asportate le parti connettivali e muscolari della cute, quindi viene sucessivamente tagliata in pezzi quadrati da 2 cm di lato.

I campioni di cute vengono conservati ad una temperatura di - 20°C.

Condizioni operative di analisi HPLC

Colonna: KP 18 , 5 micron Licrospher 100

Fase mobile: 20% acetonitrile 80% tampone fosfato a pH 6,6

Flusso 1 ml/min

Pressione 1,52Kpsi

Lunghezza d'onda: 245 nm

TR: 8,51

Modalità di esecuzione

Si posiziona la cute porcina tra il compartimento donatore e la camera recettrice con la superficie cutanea esterna rivolta verso il compartimento superiore. Si inserisce la formulazione da testare all'interno del compartimento donatore.

La camera ricevente viene riempita con soluzione tampone fosfato a pH 7,4, e ad intervalli di tempo compresi tra 0,5 ore e 8 ore , si prelevano dalla camera recettoriale 2 ml di soluzione. Ad ogni prelievo si ripristina il volume iniziale con soluzione tampone fresca, termostatata a 37°C. I campioni vengono quindi analizzati mediante metodica HPLC. Ogni prova viene effettuata in triplicato.

Risultati

I risultati della permeazione sono riassunti nella tabella

Tempo (h)	A Mog troxerutina permeati	B Mog troxerutina permeati	C Mog troxerutina permeati	D Mog troxerutina permeati
0,5	18,89	13,26	8,29	13,7
1	77,48	43,04	17,17	50,51
2	345,29	102,6	58,19	232,84
4	1.289,11	390,80	229,46	636,68
6	3.999,07	614,95	530	1.053,09
8	12.042	1.090	714,6	1.434,90

### Conclusioni:

Le formulazioni B,C,D non hanno evidenziato alcuna differenza di permeabilità, mentre la formulazione A, contenente PFPE ha evidenziato all'ottava ora, una permeabilità di circa 9-10 volte maggiore della formulazione base D.

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### Esempio B

Verifica del passaggio di NIMESULIDE mediante celle di Franz, come descritto nell'esempio A, attraverso cute porcina di differenti formulazioni contenenti diversi concentrazioni di PFPE verso una formulazione di riferimento.

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### Formulazioni :

	A	B	C	D
Nimesulide	5	5	5	5
Acido lattico	2	2	2	2
Alcool etilico 95	4	4	4	4
Glicerina	5	5	5	5
PFPE	-	1,5	3	4,5
Seplgel 305	4	4	4	4
Fosfatidil colina	2	2	2	2
Metile-p-idrossi benzoato	0,15	0,15	0,15	0,15
Propile-p-idrossibenzoato	0,05	0,05	0,05	0,05
Acqua depurata	q.b. a 100 %	q.b. a 100 %	q.b. a 100 %	q.b. a 100 %

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### Risultati

Risultati della permeazione sono riassunti nella tabella e dal grafico

Tempo (h)	A Mcg nimesulide permeati	B Mcg nimesulide permeati	C Mcg nimesulide permeati	D Mcg nimesulide permeati
0,5	0,15	0,16	0,59	0,83
1	0,27	0,39	0,59	1,21
2	0,35	0,72	0,97	1,70
4	0,86	1,14	1,24	1,91
6	1,15	1,54	2,21	2,38
8	1,54	2,24	3,21	3,73
24	3,53	6,00	9,71	9,86

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### Conclusioni:

Le formulazioni B,C,D hanno evidenziato crescenti capacità di permeare la cute, questa capacità permeante risulta essere correlata alla dose crescente di PFPE.

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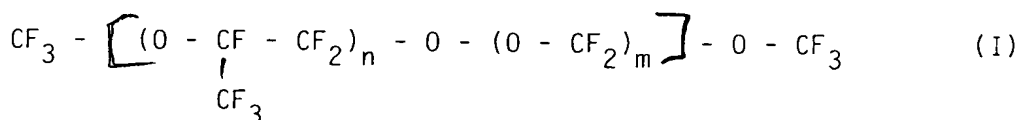
**Esempio C**

Valutazione della velocità di permeazione di formulazioni topiche a base di antinfiammatori versus formulazioni addizionate con il 3% di PFPE, mediante celle di Franz, come descritto nell'esempio A, attraverso cute porcina dopo 8 ore.

PA contenuto nella formulazione topica	Formula base Mg di PA Permeati dopo 8 ore	Formula base+3%PFPE Mg di PA Permeati dopo 8 ore
Ketoprofene	0,64	5,33
Diclofenac sodico	1,82	8,66
Ibuprofene	0,21	6,84
Acido etodolico	0,53	9,93
Piroxicam	1,19	7,94

L'invenzione è caratterizzata nelle rivendicazioni alla fine di questa descrizione.

Secondo l'invenzione le composizioni farmaceutiche contengono, a parte del o dei principio(i) attivo(i), tra i 0,01 ed i 60 % p/p dei composti di formula I

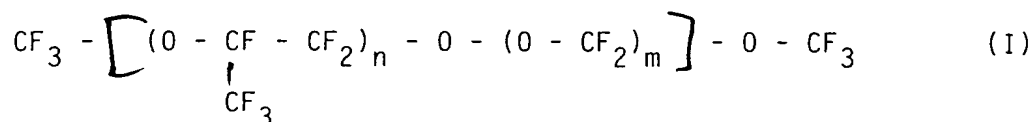


con  $n$  e  $m > 18$  e  $< 46$  e con pesi molecolari fra  $\sim 600$  e  $\sim 8000$ , come composti ad attività promotrice di assorbimento dei principi attivi.

Dette composizioni farmaceutiche possono contenere anche da 0,01 a 20 % p/p di Fosfatidilcolina, le composizioni farmaceutiche preferite sono quelle da 0,1 a 30 % p/p dei composti di formula I con  $n$  e  $m > 24$  e  $< 36$  e con pesi molecolari fra 1000 e 4000 e con 0,1 a 10 % p/p di Fosfatidilcolina.

Possono contenere, inoltre, altre componenti compatibili e sono presenti in forma di creme, emulsioni, unguenti, lozioni, schiume, gel e formulazioni transdermali.

5 L'invenzione comporta anche l'utilizzazione dei composti di formula I



10 con n e m  $> 18$  e  $< 46$ , preferibilmente  $> 24$  e  $< 36$ , e con pesi molecolari fra  $\sim 600$  e  $\sim 8000$ , preferibilmente fra 1000 e 4000, in composizioni farmaceutiche ad uso topico esterno o interno per promuovere l'assorbimento di principi attivi attraverso derma, cutis, mucosa, rectum, vagina e urethra, senza o insieme la Fosfatidilcolina.

15 Specialmente detta utilizzazione concerne i principi attivi a effetto anabolico, analgesico, androgenico, anestetico, anoretico, anthelmintico, antiallergico, antiamebico, antiandrogenico, antianginale, antiarrithmico, antiarteriosclerico, antiarthritico e -rheumatico, 20 antibatterico, anticholinergico, anticonvulsante, antidepressante, antidiabetico, antidiarrhetico, antidiuretico, antiestrogenico, antibiotico, antiglaucomico, antigonotropico, antiistaminico, antiiperlipoproteinico, antiiperthyreodico, antiipertensivo, antiinfiammatorio, antimalariale, antimigrenico, antinauseante, 25 antineoplastico, antiparkinsonico, antiprotozonale, antipruristico, antipsoriatico, antipsicotico, antipiretico, antisettico, antispasmodico, antithrombotico, antitussivo, antiulcerale, antivirale, antixiolitico, bronchodilatatorio, da CA-blockers o 30 regolatorio, cardiotonico, stimulante, decongestiante, diuretico o enzimatico.

Più specialmente ancora l'utilizzazione concerne i farmaci Troxerutina e Nimesulide ed, inoltre,

1.  **$\alpha$ -Adrenergic agonists** such as Adrafinil. Adrenolone. Amidephrine. Apraclonidine. Budralazine. Clonidine. Cyclopentamine. Detomidine. Dimetofrine. Dipivefrin. Ephedrine. Epinephrine. Fenoxazoline. Guanabenz. Guanfacine. Hydroxyamphetamine. Ibopamine. Indanazoline. Isometheptene. Mephentermine. Metaraminol. Methoxamine Hydrochloride. Methylhexanamine. Metizolene. Midodrine. Naphazoline. Norepinephrine. Norfenefrine. Octodrine. Octopamine. Oxymetazoline. Phenylephrine Hydrochloride. Phenylpropanolamine Hydrochloride. Phenylpropylmethylamine. Pholedrine. Propylhexedrine. Pseudoephedrine. Rilmnidine. Synephrine. Tetrahydrozoline. Tiamenidine. Tramazoline. Tuaminoheptane. Tymazoline. Tyramine and Xylometazoline.
2.  **$\beta$ -Adrenergic agonists** such as Albuterol. Bambuterol. Bitolterol. Carbuterol. Clenbuterol. Clorprenaline. Denopamine. Dioxethedrine. Dopexamine. Ephedrine. Epinephrine. Etafedrine. Ethylnorepinephrine. Fenoterol. Formoterol. Hexoprenaline. Ibopamine. Isoetharine. Isoproterenol. Mabuterol. Metaproterenol. Methoxyphenamine. Oxyfedrine. Pirbuterol. Prenalterol. Procaterol. Protokylol. Reproterol. Rimiterol. Ritodrine. Soterenol. Terbuterol and Xamoterol.
3.  **$\alpha$ -Adrenergic blockers** such as Amosulalol. Arotinolol. Dapiprazole. Doxazosin. Ergoloid Mesylates. Fenspiride. Indoramin. Labetalol. Nicergoline. Prazosin. Terazosin. Tolazoline. Trimazosin and Yohimbine.
4.  **$\beta$ -Adrenergic blockers** such as Acebutolol. Alprenolol. Amosulalol. Arotinolol. Atenolol. Befunolol. Betaxolol. Bevantolol. Bisoprolol. Bopindolol. Bucumolol. Bufetolol. Bufuralol. Bunitrolol. Bupranolol. Butidine Hydrochloride. Butofilolol. Carazolol. Carteolol. Carvedilol. Celiprolol. Cetamolol. Cloranolol. Dilevalol. Epanolol. Esmolol. Indenolol. Labetalol. Levobunolol. Mepindolol. Metipranolol. Metoprolol. Moprolol. Nadoxolol. Nifenalol. Nipradilol. Oxprenolol. Penbutolol. Pindolol. Practolol. Pronethalol. Propranolol. Sotalol. Sulfinalol. Talinolol. Tertatolol. Timolol. Toliprolol and Xibenolol.
5. **Alcohol deterrents** such as Calcium Cyanamide Citrated. Disulfiram. Nadide and Nitrefazole.
6. **Aldose reductase inhibitors** such as Epalrestat. Ponalrestat. Sorbinil and Tolrestat.
7. **Anabolics** such as Androisoxazole. Androstenediol. Bolandiol. Bolasterone. Clostebol. Ethylestrenol. Formyldienolone. 4-Hydroxy-19-nortestosterone. Methandriol. Methenolone. Methyltrienolone. Nandrolone. Nandrolone Decanoate. Nandrolone p-Hexyloxyphenylpropionate. Nandrolone Phenpropionate. Norbolethone. Oxymesterone. Pizotyline. Quinbolone. Stenbolone and Trenbolone.
8. **Analgesics (dental)** such as Chlorobutanol. Clove and Eugenol.
9. **Analgesics (narcotic)** such as Alfentanil. Allylprodine. Alphaprodine. Anileridine. Benzylmorphine. Bezitramide. Buprenorphine. Butorphanol. Clonitazene. Codeine. Codeine Methyl Bromide. Codeine Phosphate. Codeine Sulfate. Desomorphine. Dextromoramide. Dezocine. Diampromide. Dihydrocodeine. Dihydrocodeinone Enol Acetate. Dihydromorphine. Dimenoxadol. Dimepheptanol. Dimethylthiambutene. Dioxaphetyl Butyrate. Dipipanone. Eptazocine. Ethoheptazine. Ethylmethylthiambutene. Ethylmorphine. Etonitazene. Fentanyl. Hydrocodone. Hydromorphone. Hydroxypethidine. Isomethadone. Ketobemidone. Levorphanol. Lofentanil. Meperidine. Meptazinol. Metazocine. Methadone Hydrochloride. Metopon. Morphine. Morphine Derivatives. Myrophine. Nalbuphine. Narceine. Nicomorphine. Norlevorphanol. Normethadone. Normorphine. Norpipanone. Opium. Oxycodone. Oxymorphone. Papaveretum. Pentazocine. Phenadoxone. Phenazocine. Phenoperidine. Piminodine. Piritramide. Proheptazine. Promedol. Properidine. Propiram. Propoxyphene. Sufentanil and Tilidine.
10. **Analgesics (non-narcotic)** such as Acetaminophen. Acetaminosalol. Acetanilide. Acetylsalicylsalicylic Acid. Alclofenac. Alminoprofen. Aloxiprin. Aluminum Bis (acetylsalicylate). Aminochlorthenoxazin. 2-Amino-4-picoline. Aminopropylon. Aminopyrine. Ammonium Salicylate. Antipyrine. Antipyrine Salicylate. Antrafenine. Apazone. Aspirin. Benorylate. Benoxaprofen. Benzpiperylon. Benzylamine. p-Bromoacetanilide. 5-Bromosalicylic Acid Acetate. Bucetin. Bufexamac. Bumadizon. Butacetin. Calcium Acetylsalicylate. Carbamazepine. Carbetidine. Carbiphen. Carsalam. Chloralantipyrine. Chlorthenoxazin(e). Choline Salicylate. Cinchophen. Ciramadol. Clometacin. Cropropamide. Crotethamide. Dexoadrol. Difenamizole. Diflunisal. Dihydroxyaluminum Acetylsalicylate. Dipyrrocetyl. Dipyrone. Emorfazone. Enfenamic Acid. Epirizole. Etersalate. Ethenzamide. Ethoxazene. Etodolac. Felbinac. Fenoprofen. Floctafenine. Flufenamic Acid. Fluoresone. Flupirtine. Fluproquazone. Flurbiprofen. Fosfosol.

- Gentisic Acid. Glafenine. Ibufenac. Imidazole Salicylate. Indomethacin. Indoprofen. Isofezolac. Isoladol. Isonixin. Ketoprofen. Ketorolac. p-Lactophenetide. Lefetamine. Loxoprofen. Lysine Acetylsalicylate. Magnesium Acetylsalicylate. Methotrimепrazine. Metofoline. Mioprofen. Morazone. Morpholine Salicylate. Naproxen. Nefopam. Nifenazone. 5'Nitro-2'propoxyacetanilide. Parsalimide. Perisoxal. Phenacetin. Phenazopyridine Hydrochloride. Phenocoll. Phenopyrazone. Phenyl Acetylsalicylate. Phenyl Salicylate. Phenylamidol. Pipebuzone. Piperylone. Prodilidine. Propacetamol. Propyphenazone. Proxazole. Quinine Salicylate. Ramifenazone. Rimazolium. Metilsulfate. Salacetamide. Salicin. Salicylamide. Salicylamide O-Acetic Acid. Salicylsulfuric Acid. Salsalate. Salverine. Simetride. Sodium Salicylate. Sulfamipyrine. Suprofen. Talniflumate. Tenoxicam. Terofenamate. Tetradrine. Tinoridine. Tolfenamic Acid. Tolpronine. Tramadol. Viminol. Xenbucin and Zomepirac.
11. **Androgens** such as Boldenone. Fluoxymesterone. Mestanolone. Mesterolone. Methandrostenolone. 17-Methyltestosterone. Methyltestosterone. 17 $\alpha$ -Methyltestosterone 3-Cyclopentyl Enol Ether. Norethandrolone. Normethandrone. Oxandrolone. Oxymesterone. Oxymetholone. Prasterone. Stanolone. Stanozolol. Testosterone. Testosterone 17-Chloral Hemiacetal. Testosterone 17 $\beta$ -Cypionate. Testosterone Enanthate. Testosterone Nicotinate. Testosterone Phenyl Acetate. Testosterone Propionate and Tiomesterone.
  12. **Anesthetics (intravenous)** such as Acetamidoeugenol. Alfadolone Acetate. Alfaxalone. Ambucaine. Amolanone. Amylocaine Hydrochloride. Benoxinate. Betoxycaïne. Biphenamine. Bupivacaine. Butacaine. Butamben. Butanilcaine. Butethamine. Butalital Sodium. Butoxycaïne. Carticaine. 2-Chloroprocaine Hydrochloride. Cocaethylene. Cocaine. Cyclomethycaine. Dibucaine Hydrochloride. Dimethisoquin. Dimethocaine. Diperonon Hydrochloride. Dyclonine. Ecgonidine. Ecgonine. Ethyl Aminobenzoate. Ethyl Chloride. Etidocaine. Etoxadrol.  $\beta$ -Eucaine. Euprocine. Fenalcomine. Fomocaine. Hexobarbital. Hexylcaine Hydrochloride. Hydroxydione Sodium. Hydroxyprocaine. Hydroxytetracaine. Isobutyl p-Aminobenzoate. Kentamine. Leucinocaine Mesylate. Levoadrol. Lidocaine. Mepivacaine. Meprylicaine Hydrochloride. Metabutoxycaïne Hydrochloride. Methohexital Sodium. Methyl Chloride. Midazolam. Myrtecaine. Naepaine. Octacaine. Orthocaine. Oxethazaine. Parethoxycaïne. Phenacaine Hydrochloride. Phencyclidine. Phenol. Piperocaine. Piridocaine. Polidocanol. Pramoxine. Prilocaine. Procaine. Propanidid. Propanocaine. Proparacaine. Propipocaine. Propofol. Propoxycaïne Hydrochloride. Pseudococaine. Pyrrocaine. Quinine Urea Hydrochloride. Risocaine. Salicyl Alcohol. Tetracaine Hydrochloride. Thialbarbital. Thimylal. Thiobutabarbital. Thiopental Sodium. Tolycaïne. Trimecaine and Zolamine.
  13. **Anorectics** such as Aminorex. Amphocloral. Amphetamine. Benzphetamine. Chlorphentermine. Clobenzorex. Cloforex. Clotermine. Cyclexedrine. Dextroamphetamine Sulfate. Diethylpropion. Diphenmethoxidine. N-Ethylamphetamine. Fenbutrazate. Fenfluramine. Fenproporex. Furfurylmethylamphetamine. Levophacetoperate. Mazindol. Mefenorex. Metamfepramone. Methamphetamine. Norpseudoephedrine. Phendimetrazine. Phenmetrazine. Phenpentermine. Phenylpropanolamine Hydrochloride and Picilorex.
  14. **Anthelmintics (Cestodes)** such as Arecoline. Aspidin. Aspidinol. Dichlorophen(e). Embelin. Kosin. Naphthalene. Niclosamide. Pellertierine. Pellertierine Tannate and Quinacrine.
  15. **Anthelmintics (Nematodes)** such as Alantolactone. Amoscanate. Ascaridole. Bephenium. Bitoscanate. Carbon Tetrachloride. Carvacrol. Cyclobendazole. Diethylcarbamazine. Diphenane. Dithiazanine Iodide. Dymanthine. Gentian Violet. 4-Hexylresorcinol. Kainic Acid. Mebendazole. 2-Naphthol. Oxantel. Papain. Piperazine. Piperazine Adipate. Piperazine Citrate. Piperazine Edetate Calcium. Piperazine Tartrate. Pyrantel. Pyrvinium Pamoate.  $\alpha$ -Santonin. Stilbazium Iodide. Tetrachloroethylene. Tetramisole. Thiabendazole. Thymol. Thymyl N-Isoamylcarbamate. Triclofenol Piperazine and Urea Stibamine.
  16. **Anthelmintics (Onchocerca)** such as Ivermectin and Suramin Sodium.
  17. **Anthelmintics (Schistosoma)** such as Amoscanate. Amphotalide. Antimony Potassium Tartrate. Antimony Sodium Gluconate. Antimony Sodium Tartrate. Antimony Sodium Thioglycollate. Antimony Thioglycollamide. Becanthone. Hycanthone. Lucanthone Hydrochloride. Niridazole. Oxamniquine. Praziquantel. Stibocaptate. Stibophen and Urea Stibamine.
  18. **Anthelmintics (Trematodes)** such as Anthiolimine and Tetrachloroethylene.
  19. **Antiacne drugs** such as Algestone Acetophenide. Azelaic Acid. Benzoyl Peroxide. Cyocitol. Cyproterone. Motretinide. Resorcinol. Retinoic Acid and Tetroquinone.

20. **Antiallergics** such as Amlexanox. Astemizole. Azelastine. Cromolyn. Fenpiprane. Histamine. Ibudilast. Nedocromil. Oxatomide. Pentigetide. Poison Ivy Extract. Poison Oak Extract. Poison Sumac Extract. Repirinast. Tranilast. Traxanox and Urushiol.
21. **Antiamebics** such as Arsthinol. Bialamicol. Carbarsone. Cephaeline. Chlorbetamide. Chloroquine. Chlorphenoxamide. Chlortetracycline. Dehydroemetine. Dibromopropamidine. Diloxanide. Diphetarsone. Emetine. Fumagillin. Glaucarubin. Glycobiarsol. 8-Hydroxy-7-iodo-5-quinolinesulfonic Acid. Iodochlorhydroxyquin. Iodoquinol. Paromomycin. Phanquinone. Phenarsone Sulfoxylate. Polybenzarsol. Propamidine. Quinfamide. Secnidazole. Sulfarside. Teclozan. Tetracycline. Thiocarbazine. Thiocarbarsone and Tinidazole.
22. **Antiandrogens** such as Bifluranol. Cyoctol. Cyproterone. Delmadinone Acetate. Flutamide. Nilutamide and Oxendolone.
23. **Antianginals** such as Acebutolol. Alprenolol. Amiodarone. Amlodipine. Arotinolol. Atenolol. Bepridil. Bevantolol. Bucumolol. Bufetolol. Bufuralol. Bunitrolol. Bupranolol. Carozolol. Carteolol. Carvedilol. Celiprolol. Cinepazet Maleate. Diltiazem. Epanolol. Felodipine. Gallopamil. Imolamine. Indenolol. Isosorbide Dinitrate. Isradipine. Limaprost. Mepindolol. Metoprolol. Molsidomine. Nadolol. Nicardipine. Nifedipine. Nifenalol. Nilvadipine. Nipradilol. Nisoldipine. Nitroglycerin. Oxprenolol. Oxyfedrine. Ozagrel. Penbutolol. Pentaerythritol Tetranitrate. Pindolol. Pronethalol. Propranolol. Sotalol. Terodiline. Timolol. Toliprolol and Verapamil.
24. **Antiarrhythmics** such as Acebutolol. Acecainide Adenosine. Ajmaline. Alprenolol. Amiodarone. Amoproxan. Aprindine. Arotinolol. Atenolol. Bevantolol. Bretylium Tosylate. Bucumolol. Bufetolol. Bunaftine. Bunitrolol. Bupranolol. Butidine Hydrochloride. Butobendine. Capobenic Acid. Carazolol. Carteolol. Cifenline. Cloranolol. Disopyramide. Encainide. Esmolol. Flecainide. Gallopamil. Hydroquinidine. Indecainide. Indenolol. Ipratropium Bromide. Lidocaine. Lorajmine. Lorcainide. Meobentine. Metipranolol. Mexiletine. Moricizine. Nadoxolol. Nifenalol. Oxprenolol. Penbutolol. Pindolol. Pirmenol. Practolol. Prajmaline. Procainamide Hydrochloride. Pronethalol. Propafenone. Propranolol. Pyrinoline. Quinidine Sulfate. Quinidine. Sotalol. Talinolol. Timolol. Tocainide. Verapamil. Viquidil and Xibenolol.
25. **Antiarteriosclerotics** such as Pyridinol Carbamate.
26. **Antiarthritic/Antirheumatics** such as Allocupreide Sodium. Auranofin. Aurothioglucoase. Aurothioglycanide. Azathioprine. Calcium 3-Aurothio-2-propanol-1-sulfonate. Chloroquine. Clobuzarit. Cuproxoline. Diacerein. Glucosamine. Gold Sodium Thiomalate. Gold Sodium Thiosulfate. Hydroxychloroquine. Kebuzone. Lobenzarit. Melittin. Methotrexate. Myoral and Penicillamine.
27. **Antibacterial (antibiotic) drugs, including:**
  - Aminoglycosides* such as Amikacin. Apramycin. Arbekacin. Bambermycins. Butirosin. Dibekacin. Dihydrostreptomycin. Fortimicin(s). Gentamicin. Isepamicin. Kanamycin. Micronomicin. Neomycin. Neomycin Undecylenate. Netilmicin. Paromomycin. Ribostamycin. Sisomicin. Spectinomycin. Streptomycin. Streptonicozid and Tobramycin;
  - Amphenicols* such as Azidamfenicol. Chloramphenicol. Chloramphenicol Palmitate. Chloramphenicol Pantothenate. Florfenicol and Thiamphenicol;
  - Ansamycins* such as Rifamide. Rifampin. Rifamycin and Rifaximin.
- $\beta$ -Lactams including:**
  - Carbapenems* such as Imipenem;
  - Cephalosporins* such as Cefaclor. Cefadroxil. Cefamandole. Cefatrizine. Cefazedone. Cefazolin. Cefixime. Cefmenoxime. Cefodizime. Cefonicid. Cefoperazone. Ceforanide. Cefotaxime. Cefotiam. Cefpimizole. Cefpiramide. Cefpodoxime Proxetil. Cefroxadine. Cefsulodin. Ceftazidime. Cefteram. Ceftezole. Ceftibuten. Ceftizoxime. Ceftriaxone. Cefuroxime. Cefuzonam. Cephacetrile Sodium. Cephalixin. Cephaloglycin. Cephaloridie. Cephalosporin. Cephalothin. Cephapirin Sodium. Cephradine and Pivcefalexin;
  - Cephameycins* such as Cefbuperazone. Cefmetazole. Cefminox. Cefotetan and Cefoxitin;
  - Monobactams* such as Aztreonam. Carumonam and Tigemonam;
  - Oxacephems* such as Flomoxef and Moxolactam;
  - Penicillins* such as Amidinocillin. Amdinocillin Pivoxil. Amoxicillin. Ampicillin. Apalcillin. Aspoxicillin. Azidocillin. Azlocillin. Bacampicillin. Benzylpenicillinic Acid. Benzylpenicillin Sodium. Carbenicillin. Carfecillin Sodium. Carindacillin. Clometocillin. Cloxacillin. Cyclacillin. Dicloxacillin. Diphenicillin Sodium. Epicillin. Fenbenicillin. Floxacillin. Hetacillin. Lenampicillin. Metampicillin. Methicillin Sodium. Mezlocillin. Nafcillin Sodium.

Oxacillin. Penamercillin. Penethamate Hydriodide. Penicillin G Benethamine. Penicillin G Benzathine. Penicillin G Benzhydrylamine. Penicillin G Calcium. Penicillin G Hydrabamine. Penicillin G Potassium. Penicillin G Procaine. Penicillin N. Penicillin O. Penicillin V. Penicillin V Benzathine. Penicillin V Hydrabamine. Penimepicycline. Phenethicillin Potassium. Piperacillin. Pivampicillin. Propicillin. Quinacillin. Sulbenicillin. Talampicillin. Temocillin and Ticarcillin;

*Lincosamides* such as Clindamycin and Lincomycin;

*Macrolides* such as Azithromycin. Carbomycin. Clarithromycin. Erythromycin. Erythromycin Acistrate. Erythromycin Estolate. Erythromycin Glucoheptonate. Erythromycin Lactobionate. Erythromycin Propionate. Erythromycin Stearate. Josamycin. Leucomycins. Midecamycins. Miokamycin. Oleandomycin. Primycin. Rokitamycin. Rosaramicin. Roxithromycin. Spiramycin and Troleandomycin;

*Polypeptides* such as Amphomycin. Bacitracin. Capreomycin. Colistin. Enduracidin. Enviomycin. Fusafungine. Gramicidin(s). Gramicidin S. Mikamycin. Polymyxin. Polymyxin B-Methanesulfonic Acid. Pristinamycin. Ristocetin. Teicoplanin. Thiostrepton. Tuberactinomycin. Tyrocidine. Tyrothricin. Vancomycin. Viomycin. Viomycin Pantothenate. Virginiamycin and Zinc Bacitracin;

*Tetracyclines* such as Apicycline. Chlortetracycline. Clomocycline. Demeclocycline. Doxycycline. Guamecycline. Lymecycline. Meclocycline. Methacycline. Minocycline. Oxytetracycline. Penimepicycline. Pipacycline. Rolitetracycline. Sancycline. Senociclin and Tetracycline; and

*other antibiotics* such as Cycloserine. Mupirocin and Tuberin.

**28. Antibacterial drugs (synthetic), including:**

*2,4-Diaminopyrimidines* such as Brodimoprim. Tetroxoprim and Trimethoprim;

*Nitrofurans* such as Furaladone. Furazolium Chloride. Nifuradene. Nifuratel. Nifurfoline. Nifurpirinol. Nifurpazine. Nifurtinol and Nitrofurantoin;

*Quinolones and Analogs* such as Amifloxacin. Cinoxacin. Ciprofloxacin. Difloxacin. Enoxacin. Fleroxacin. Flumequine. Lomefloxacin. Miloxacin. Nalidixic Acid. Norfloxacin. Ofloxacin. Oxolinic Acid. Pefloxacin. Pipemidic Acid. Piromidic Acid. Rosoxacin. Temafloxacin and Tosufloxacin;

*Sulfonamides* such as Acetyl Sulfamethoxypyrazine. Acetyl Sulfisoxazole. Azosulfamide. Benzylsulfamide. Chloramine-B. Chloramine-T. Dichloramine T. Formosulfathiazole. N<sup>2</sup>Formylsulfisomidine. N<sup>2</sup>-β-D-Glucosylsulfanilamide. Mafenide. 4'-(Methylsulfamoyl) sulfanililide. p-Nitrosulfathiazole. Noprylsulfamide. Phthalylsulfacetamide. Phthalylsulfathiazole. Salazosulfadimidine. Succinylsulfathiazole. Sulfabenzamide. Sulfacetamide. Sulfachlorpyridazine. Sulfachrysoidine. Sulfacytine. Sulfadiazine. Sulfadicramide. Sulfadimethoxine. Sulfadoxine. Sulfathidole. Sulfaguanidine. Sulfaguanol. Sulfalene. Sulfaloxic Acid. Sulfamerazine. Sulfameter. Sulfamethazine. Sulfamethizole. Sulfamethomidine. Sulfamethoxazole. Sulfamethoxyypyridazine. Sulfametrole. Sulfamidochrysoidine. Sulfamoxole. Sulfanilamide. Sulfanilamidomethanesulfonic Acid Triethanolamine Salt. 4-Sulfanilamidosalicylic Acid. N<sup>4</sup>-Sulfanilylsulfanilamide. Sulfanilylurea. N-Sulfanilyl-3,4-xylamide. Sulfanitrin. Sulfaperine. Sulfaphenazole. Sulfaproxyline. Sulfapyrazine. Sulfapyridine. Sulfasomizole. Sulfasymazine. Sulfathiazole. Sulfathiourea. Sulfatolamide. Sulfisomidine and Sulfisoxazole;

*Sulfones* such as Acedapsone. Acediasulfone. Acetosulfone Sodium. Dapsone. Diathymosulfone. Glucosulfone Sodium. Solasulfone. Succisulfone. Sulfanilic Acid. p-Sulfanilylbenzylamine. p,p'-Sulfonyldianiline-N,N'digalactoside. Sulfoxone Sodium and Thiazolsulfone; and

*others* such as Clofoctol. Hexedine. Methenamine. Methenamine Anhydromethylene-citrate. Methenamine Hippurate. Methenamine Mandelate. Methenamine Sulfosalicylate. Nitroxoline and Xibornol.

**29. Anticholinergics** such as Adiphenine Hydrochloride. Alverine. Ambutonium Bromide. Aminopentamide. Amixetrine. Amprotropine Phosphate. Anisotropine Methylbromide. Apotatropine. Atropine. Atropine N-Oxide. Benactyzine. Benapryzine. Benzetimide. Benzilonium Bromide. Benztropine Mesylate. Bevonium Methyl Sulfate. Biperiden. Butropium Bromide. N-Butylscopolammonium Bromide. Buzepide. Camylofine. Camaphen Hydrochloride. Chlorbenzoxamine. Chlorphenoxamine. Cimetropium Bromide. Clidinium Bromide. Cyclodrine. Cyclonium Iodide. Cycrimine Hydrochloride. Deptropine. Dexetimide. Dibutoline Sulfate. Dicyclomine Hydrochloride. Diethazine. Difemerine. Dihexyverine.

- Diphenamil Methylsulfate. N-(1,2-Diphenylethyl)nicotinamide. Dipiproverine. Diponium Bromide. Emepromium Bromide. Endobenzylamine Bromide. Ethopropazine. Ethybenztropine. Ethylbenzhydramine. Etomidoline. Eucatropine. Fenpiverinium Bromide. Fentonium Bromide. Flutropium Bromide. Glycopyrrolate. Heteronium Bromide. Hexocyclium Methyl Sulfate. Homatropine. Hyoscyamine. Ipratropium Bromide. Isopropamide. Levomepate. Mecloxamine. Mepenzolate Bromide. Metcaraphen. Methantheline Bromide. Methixene. Methscopolamine Bromide. Octamylamine. Oxybutynin Chloride. Oxyphencyclimine. Oxyphenonium Bromide. Pentapiperide. Penthienate Bromide. Phencarbamide. Phenglutarimide. Pipenzolate Bromide. Piperidolate. Piperilate. Poldine Methylsulfate. Pridinol. Prifinium Bromide. Procyclidine. Propantheline Bromide. Propenzolate. Propyromazine. Scopolamine. Scopolamine N-Oxide. Stilonium Iodide. Stramonium. Sultroponium. Thihexinol. Thiphenamil. Tienonium Iodide. Timepidium Bromide. Tiquizium Bromide. Tridihexethyl Iodide. Trihexyphenidyl Hydrochloride. Tropicaine. Tropenzile. Tropicamide. Trospium Chloride. Valethamate Bromide and Xenytropium Bromide.
30. **Anticonvulsants such as** Acetylpheneturide. Albutoin. Aloxidone. Aminoglutethimide. 4-Amino-3-hydroxybutyric Acid. Atrolactamide. Beclamide. Buramate. Calcium Bromide. Carbamazepine. Cinromide. Clomethiazole. Clonazepam. Decimemide. Diethadione. Dimethadione. Doxenitoin. Eterobarb. Ethadione. Ethosuximide. Ethotoin. Fluoresone. 5-Hydroxytryptophan. Lamotrigine. Magnesium Bromide. Magnesium Sulfate. Mephenytoin. Mephobarbital. Metharbital. Methetoin. Methsuximide. 5-Methyl-5-(3-phenanthryl)hydantoin. 3-Methyl-5-phenylhydantoin. Narcobarbital. Nimetazepam. Nitrazepam. Paramethadione. Phenacemide. Phenetharbital. Pheneturide. Phenobarbital. Phenobarbital Sodium. Phensuximide. Phenylmethylbarbituric Acid. Phenytoin. Phethenylate Sodium. Potassium Bromide. Primidone. Progabide. Sodium Bromide. Solanum. Strontium Bromide. Suclofenide. Sulthiame. Tetrantoin. Trimethadione. Valproic Acid. Valpromide. Vigabatrin and Zonisamide.
31. **Antidepressants, including:**  
*Bicyclics such as* Binedaline. Caroxazone. Citalopram. Dimethazan. Indalpine. Fencamine. Indeloxazine Hydrochloride. Nefopam. Nomifensine. Oxitriptan. Oxypertine. Paroxetine. Sertraline. Thiazesim. Trazodone and Zometapine;  
*Hydrazides/Hydrazines such as* Benmoxine. Iproclozide. Iproniazid. Isocarboxazid. Nialamide. Octamoxin and Phenelzine;  
*Pyrrolidones such as* Cotinine. Rolicyprine and Rolipram;  
*Tetracyclics such as* Maprotiline. Metralindole. Mianserin and Oxaprotiline;  
*Tricyclics such as* Adinazolam. Amitriptyline. Amitriptylinoxide. Amoxapine. Butriptyline. Clomipramine. Demexiptiline. Desipramine. Dibenzepin. Dimetacrine. Dothiepin. Doxepin. Fluacizine. Imipramine. Imipramine N-Oxide. Iprindole. Lofepamine. Melitracen. Metapramine. Nortriptyline. Noxiptilin. Opipramol. Pizotyline. Propizepine. Protriptyline. Quinupramine. Tianeptine and Trimipramine; and  
*others such as* Adrafinil. Benactyzine. Bupropion. Butacetin. Deanol. Deanol Aceglumate. Deanol Acetamidobenzoate. Dioxadrol. Etoperidone. Febarbamate. Femoxetine. Fenpentadiol. Fluoxetine. Fluvoxamine. Hematoporphyrin. Hypercinin. Levophacetoperane. Medifoxamine. Minaprine. Moclobemide. Oxaflozane. Piberaline. Prolintane. Pyrisuccideanol. Rubidium Chloride. Sulpiride. Sultopride. Teniloxazine. Thozalinone. Tofenacin. Toloxatone. Tranlycypromine. L-Tryptophan. Viloxazine and Zimeldine.
32. **Antidiabetics, including:**  
*Biguanides such as* Buformin. Metformin and Phenformin;  
*Hormones such as* Glucagon. Insulin. Insulin Injection. Insulin Zinc Suspension. Isophane Insulin Suspension. Protamine Zinc Insulin Suspension and Zinc Insulin Crystals;  
*Sulfonylurea derivatives such as* Acetohexamide. 1-Butyl-3-metanilylurea. Carbutamide. Chlorpropamide. Glibornuride. Gliclazide. Glipizide. Gliquidone. Glisoxepid. Glyburide. Glybutiazol(e). Glybuzole. Glyhexamide. Glymidine. Glypinamide. Phenbutamide. Tolazamide. Tolbutamide and Tolcyclamide; and  
*others such as* Acarbose. Calcium Mesoxalate and Miglitol.
33. **Antidiarrheal drugs such as** Acetyltannic Acid. Albumin Tannate. Alkofanone. Aluminum Salicylates-Basic. Catechin. Difenoxin. Diphenoxylate. Lidamidine. Loperamide. Mebiquine. Trillium and Uzarin.
34. **Antidiuretics such as** Desmopressin. Felypressin. Lypressin. Ornipressin. Oxycinchophen. Pituitary-Posterior. Terlipressin and Vasopressin.

35. **Antiestrogens** such as Delmadinone Acetate. Ethamoxytriphetol. Tamoxifen and Toremifene.
36. **Antifungal drugs (antibiotics), including:**  
*Polyenes* such as Amphotericin-B. Candicidin. Dermostatin. Filipin. Fungichromin. Hachimycin. Hamycin. Lucensomycin. Mepartricin. Natamycin. Nystatin. Pecilocin and Perimycin; and  
*others* such as Azaserine. Griseofulvin. Oligomycins. Neomycin Undecylenate. Pyrrolnitrin. Siccanin. Tubercidin and Viridin.
37. **Antifungal drugs (synthetic), including:**  
*Allylamines* such as Naftifine and Terbinafine;  
*Imidazoles* such as Bifonazole. Butoconazole. Chlordantoin. Chlormidazole. Cloconazole. Clotrimazole. Econazole. Enilconazole. Fenticonazole. Isoconazole. Ketoconazole. Miconazole. Omoconazole. Oxiconazole Nitrate. Sulconazole and Tioconazole;  
*Triazoles* such as Fluconazole. Itraconazole and Terconazole; and  
*others* such as Acrisorcin. Amorolfine. Biphenamine. Bromosalicylchloranilide. Buclosamide. Calcium Propionate. Chlorphenesin. Ciclopirox. Cloxyquin. Coparaffinate. Diamthazole Dihydrochloride. Exalamide. Flucytosine. Halethazole. Hexetidine. Loflucarban. Nifuratel. Potassium Iodide. Propionic Acid. Pyrithione. Salicylanilide. Sodium Propionate. Sulbentine. Tenonitroazole. Tolciclate. Tolindate. Tolnaftate. Triacetin. Ujotion. Undecylenic Acid and Zinc Propionate.
38. **Antiglaucoma drugs** such as Acetazolamide. Befunolol. Betaxolol. Bupranolol. Carteolol. Dapiprazole. Dichlorphenamide. Dipivefrin. Epinephrine. Levobunolol. Methazolamide. Metipranolol. Pilocarpine. Pindolol and Timolol.
39. **Antigonadotropins** such as Danazol. Gestrinone and Paroxypropione.
40. **Antigout drugs** such as Allopurinol. Carprofen. Colchicine. Probenecid and Sulfapyrazone.
41. **Antihistamines, including:**  
*Alkylamine derivatives* such as Acrivastine. Bamipine. Brompheniramine. Chlorpheniramine. Dimethindene. Metron S. Pheniramine. Pyrrobutamine. Thenaldine. Tolpropamine and Triprolidine;  
*Aminoalkyl ethers* such as Bietanautine. Bromodiphenhydramine. Carbinoxamine. Clemastine. Diphenylpyraline. Doxylamine. Embramine. Medrylamine. Mephenhydramine. p-Methyldiphenhydramine. Orphenadrine. Phenyltoloxamine. Piprinhydrinate and Setasine;  
*Ethylenediamine derivatives* such as Alloclamide. p-Bromtripelennamine. Chloropyramine. Chlorothien. Histapyrrodine. Methafurylene. Methaphenylene. Methapyrilene. Phenbenzamine. Pyrilamine. Talastine. Thenyldiamine. Thonzylamine Hydrochloride. Tripelennamine and Zolamine;  
*Piperazines* such as Cetirizine. Chlorcyclizine. Cinnarizine. Clocinizine and Hydroxyzine;  
*Tricyclics, including:*  
*Phenothiazines* such as Ahistan. Etymemazine. Hydroxyzine. N-Hydroxyethylpromethazine Chloride. Isopromethazine. Mequitazine. Promethazine. Pyrathiazine and Thiazinamium Methyl Sulfate; and  
*others* such as Azatadine. Clobenzepam. Cyproheptadine. Deptropine. Isothipendyl. Loratadine and Prothipendyl; and  
*other antihistamines* such as Antazoline. Astemizole. Azelastine. Cetoxime. Clemizole. Clobenztropine. Diphenazoline. Diphenhydramine. Mebhydroline. Phenindamine. Terfenadine and Tritoqualine.
42. **Antihyperlipoproteinemics, including:**  
*Aryloxyalkanoic acid derivatives* such as Beclobrate. Bezafibrate. Binifibrate. Ciprofibrate. Clinofibrate. Clofibrate. Clofibrilic Acid. Etofibrate. Fenofibrate. Gemfibrozil. Nicofibrate. Pirifibrate. Ronifibrate. Simfibrate and Theofibrate;  
*Bile acid sequesterants* such as Cholestyramine Resin. Colestipol and Polidexide;  
*HMG CoA reductase inhibitors* such as Lovastatin. Pravastatin Sodium and Simvastatin;  
*Nicotinic acid derivatives* Aluminum Nicotinate. Acipimox. Niceritrol. Nicoclonate. Nicomol and Oxiniac Acid;  
*Thyroid hormones and analogs* such as Etiroxate. Thyropropic Acid and Thyroxine; and  
*others* such as Acifran. Azacosterol. Benfluorex.  $\beta$ -Benzalbutyramide. Carnitine. Chondroitin Sulfate. Clomestron. Detaxtran. Dextran Sulfate Sodium. 5,8,11,14,17-Eicosapentaenoic Acid. Eritadenine. Furazabol. Meglutol. Melinamide. Mytatrienediol. Ornithine.  $\gamma$ -Oryzanol. Pantethine. Pentaerythritol Tetraacetate.  $\alpha$ -Phenylbutyramide. Pirozadil. Probuco.  $\alpha$ -Sitosterol. Sultosilic Acid. Piperazine Salt. Tiadenol. Triparanol and Xenbucin.
43. **Antihypertensive drugs, including:**

13

*Arylethanolamine derivatives such as* Amosulalol. Bufuralol. Dilevalol. Labetalol. Pronethalol. Sotalol and Sulfinalol;

*Aryloxypropanolamine derivatives such as* Acebutolol. Alprenolol. Arotinolol. Atenolol. Betaxolol. Bevantolol. Bisoprolol. Bopindolol. Bunitolol. Bupranolol. Butofilolol. Carazolol. Carteolol. Carvedilol. Celiprolol. Cetamolol. Epanolol. Indenolol. Mepindolol. Metipranolol. Metoprolol. Moprolol. Nadolol. Nipradilol. Oxprenolol. Penbutolol. Pindolol. Propranolol. Talinolol. Tertatolol. Timolol and Toliprolol;

*Benzothiadiazine derivatives such as* Althiazide. Bendroflumethiazide. Benzthiazide. Benzyhydrochlorothiazide. Buthiazide. Chlorothiazide. Chlorthalidone. Cyclopenthiazide. Cyclothiazide. Diazoxide. Epithiazide. Ethiazide. Fenquizone. Hydrochlorothiazide. Hydroflumethiazide. Methyclothiazide. Meticrane. Metolazone. Paraflutizide. Polythiazide. Tetrachlormethiazide and Trichlormethiazide;

*N-Carboxyalkyl (petidellactam) derivatives such as* Alacepril. Captopril. Cilazapril. Delapril. Enalapril. Enalaprilat. Fosinopril. Lisinopril. Moveltipril. Perindopril. Quinapril and Ramipril;

*Dihydropyridine derivatives such as* Amlodipine. Felodipine. Isradipine. Nicardipine. Nifedipine. Nilvadipine. Nisoldipine and Nitrendipine;

*Guanidine derivatives such as* Bethanidine. Debrisoquin. Guanabenz. Guanacline. Guanadrel. Guanazodine. Guanethidine. Guanfacine. Guanochlor. Guanoxabenz and Guanoxan;

*Hydrazines and phthalazines such as* Budralazine. Cadralazine. Dihydralazine. Endralazine. Hydracarbazine. Hydralazine. Pheniprazine. Pildralazine and Todralazine;

*Imidazole derivatives such as* Clonidine. Lofexidine. Phentolamine. Tiamenidine and Tolonidine;

*Quaternary ammonium compounds* Azamethonium Bromide. Chlorisondamine Chloride. Hexamethonium. Pentacynium Bis(methyl sulfate). Pentamethonium Bromide. Pentolinium Tartate. Phenactopinium Chloride and Trimethidinium Methosulfate;

*Quinazoline derivatives such as* Alfuzosin. Bunazosin. Doxazosin. Prazosin. Terazosin and Trimazosin;

*Reserpine derivatives such as* Bietaserpine. Deserpidine. Rescinnamine. Reserpine and Syrosingopine;

*Sulfonamide derivatives such as* Ambuside. Clopamide. Furosemide. Indapamide. Quinethazone. Tripamide and Xipamide; and

*others such as* Ajmaline.  $\gamma$ -Aminobutyric Acid. Bufeniode. Chlorthalidone. Cicletanine. Ciclosidomine. Cryptenamine Tannates. Fenoldopam. Flosequinan. Indoramin. Ketanserin. Mebutamate. Mecamylamine. Methyldopa. Methyl 4-Pyridyl Ketone Thiosemicarbazone. Metolazone. Minoxidil. Muzolimine. Pargyline. Pempidine. Pinacidil. Piperoxan. Primaperone. Protoveratrine. Raubasine. Rescimetol. Rilmenidene. Saralasin. Sodium Nitroprusside. Ticrynafen. Trimethaphan Camsylate. Tyrosinase and Urapidil.

44. *Antihyperthyroids such as* 2-Amino-4-methylthiazole. 2-Aminothiazole. Carbimazole. 3,5-Dibromo-L-tyrosine. 3,5-Diiodotyrosine. Hinderin. Iodine. Iothiouracil. Methimazole. Methylthiouracil. Propylthiouracil. Sodium Perchlorate. Thibenzazoline. Thiobarbital and 2-Thiouracil.

45. *Antihypotensive drugs such as* Amezinium Methyl Sulfate. Angiotensin Amide. Dimetofrine. Dopamine. Etifelmin. Etilefrin. Gepefrine. Metaraminol. Midodrine. Norepinephrine. Pholedrine and Synephrine.

46. *Antihypothyroid drugs such as* Levothyroxine Sodium. Liothyronine. Thyroid. Thyroidin. Thyroxine. Tiratricol and TSH.

47. *Anti-Inflammatory (non-steroidal) drugs, including:*

*Aminoarylcarboxylic acid derivatives such as* Enfenamic Acid. Etofenamate. Flufenamic Acid. Isonixin. Meclofenamic Acid. Mefenamic Acid. Niflumic Acid. Talniflumate. Terofenamate and Tolfenamic Acid;

*Arylacetic acid derivatives such as* Acemetacin. Alclofenac. Amfenac. Bufexamac. Cinmetacin. Clopirac. Diclofenac Sodium. Etodolac. Felbinac. Fenclofenac. Fenclorac. Fenclozic Acid. Fentiazac. Glucametacin. Ibufenac. Indomethacin. Isofezolac. Isoxepac. Lonazolac. Metiazinic Acid. Oxametacine. Proglumetacin. Sulindac. Tiaramide. Tolmetin and Zomepirac;

*Arylbutyric acid derivatives such as* Bumadizon. Butibufen. Fenbufen and Xenbucin;

*Arylcarboxylic acid such as* Clidanac. Ketorolac and Tinoridine;

*Arylpropionic acid derivatives such as* Alminoprofen. Benoxaprofen. Bucloxic Acid. Carprofen.

14

- Fenoprofen. Flunoxaprofen. Flurbiprofen. Ibuprofen. Ibuprofen. Indoprofen. Ketoprofen. Loxoprofen. Mioprofen. Naproxen. Oxaprozin. Pirofen. Pirprofen. Pranoprofen. Protizinic Acid. Suprofen and Tiaprofenic Acid;
- Pyrazoles such as* Difenamizole and Epirizole;
- Pyrazolones such as* Apazone. Benzpiperylon. Feprazone. Mofebutazone. Morazone. Oxyphenbutazone. Phenylbutazone. Pipebuzone. Propyphenazone. Ramifenazone. Suxibuzone and Thiazolinobutazone;
- Salicylic acid derivatives such as* Acetaminosalol. Aspirin. Benorylate. Bromosaligenin. Calcium Acetylsalicylate. Diflunisal. Etersalate. Fendosal. Gentic Acid. Glycol Salicylate. Imidazole Salicylate. Lysine Acetylsalicylate. Mesalamine. Morpholine Salicylate. 1-Naphthyl Salicylate. Olsalazine. Parsalimide. Phenyl Acetylsalicylate. Phenyl Salicylate. Salacetamide. Salicylamine O-Acetic Acid. Salicylsulfuric Acid. Salsalate and Sulfasalazine;
- Thiazinecarboxamides such as* Droxicam. Isoxicam. Piroxicam and Tenoxicam; and
- others such as*  $\epsilon$ -Acetamidocaproic Acid. S-Adenosylmethionine. 3-Amino-4-hydroxybutyric Acid. Amixetrine. Bendazac. Benzydamine. Bucolome. Difenpiramide. Ditazol. Emorfazone. Guaiazulene. Nabumetone. Nimesulide. Orgotein. Oxaceprol. Paranyline. Perisoxal. Pifoxime. Proquazone. Proxazole and Tenidap.
48. **Antimalarial drugs such as** Acedapson. Amodiaquin. Arteether. Artemether. Artemisinin. Artesunate. Bebeerine. Berberine. Chirata. Chlorguanide. Chloroquine. Chlorproguanil. Cinchona. Cinchonidine. Cinchonine. Cycloguanil. Gentiopiricin. Halofantrine. Hydroxychloroquine. Mefloquine Hydrochloride. 3-Methylarsacetin. Pamaquine. Plasmocid. Primaquine. Pyrimethamine. Quinacrine. Quinine. Quinine Bisulfate. Quinine Carbonate. Quinine Dihydrobromide. Quinine Dihydrochloride. Quinine Ethylcarbonate. Quinine Formate. Quinine Gluconate. Quinine Hydriodide. Quinine Hydrochloride. Quinine Salicylate. Quinine Sulfate. Quinine Tannate. Quinine Urea Hydrochloride. Quinocide. Quinoline and Sodium Arsenate Dibasic.
49. **Antimigraine drugs such as** Alpiropride. Dihydroergotamine. Ergocornine. Ergocorninine. Ergocryptine. Ergot. Ergotamine. Flumetoxone acetate. Fonazine. Lisuride. Methysergid(e). Oxetorone. Pizotyline and Sumatriptan.
50. **Antinauseant drugs such as** Acetyllecine Monoethanolamine. Alizapride. Benzquinamide. Bietanautine. Bromopride. Bucizine. Chlorpromazine. Clebopride. Cyclizine. Dimenhydrinate. Diphenidol. Domperidone. Granisetron. Meclizine. Methallatal. Metoclopramide. Metopimazine. Nabilone. Ondansetron. Oxypendyl. Pipamazine. Piprinhydrinate. Prochlorperazine. Scopolamine. Tetrahydrocannabinols. Thiethylperazine. Thioproperazine and Trimethobenzamide.
51. **Antineoplastic drugs, including:**
- Alkylating agents, including:*
- Alkyl sulfonates such as* Busulfan. Improsulfan and Pisosulfan;
- Aziridines such as* Benzodepa. Carboquone. Meturedopa and Uredopa;
- Ethylenimines and methylmelamines such as* Altretamine. Triethylenemelamine. Triethylenephosphoramidate. Triethylenethiophosphoramidate and Trimethylolmelamine;
- Nitrogen mustards such as* Chlorambucil. Chlornaphazine. Cyclophosphamide. Estramustine. Ifosfamide. Mechlorethamine. Mechlorethamine Oxide Hydrochloride. Melphalan. Novembichin. Phenesterine. Prednimustine. Trofosfamide and Uracil Mustard;
- Nitrosoureas such as* Carmustine. Chlorozotocin. Fotemustine. Lomustine. Nimustine and Ranimustine; and
- others such as* Dacarbazine. Mannomustine. Mitobronitol. Mitolactol and Pipobroman;
- Antibiotics such as* Aclacinomycins. Actinomycin F<sub>1</sub>. Anthramycin. Azaserine. Bleomycins. Cactinomycin. Carubicin. Carzinophilin. Chromomycins. Dactinomycin. Daunorubicin. 6-Diazo-5-oxo-L-norleucine. Doxorubicin. Epirubicin. Mitomycins. Mycophenolic Acid. Nogalamycin. Olivomycins. Peplomycin. Plicamycin. Porfiromycin. Puromycin. Streptonigrin. Streptozocin. Tubercidin. Ubenimex. Zinostatin and Zorubicin;
- Antimetabolites, including:*
- Folic acid analogs such as* Denopterin. Methotrexate. Pteropterin and Trimetrexate;
- Purine analogs such as* Fludarabine. 6-Mercaptopurine. Thiamiprine and Thioguanine; and
- Pyrimidine analogs such as* Ancitabine. Azacitidine. 6-Azauridine. Carmofur. Cytarabine. Doxifluridine. Enocitabine. Floxuridine. Fluorouracil and Tegafur;
- Enzymes such as* L-Asparaginase; and
- others such as* Aceglatone. Amsacrine. Bestrabucil. Bisantrene. Carboplatin. Cisplatin.

15

Defosfamide. Demecolcine. Diaziquone. Eflornithine. Elliptinium Acetate. Etoglucid. Etoposide. Gallium Nitrate. Hydroxyurea. Interferon- $\alpha$ . Interferon- $\beta$ . Interferon- $\gamma$ . Interleukin-2. Lentinan. Lonidamine. Mitoguazone. Mitoxantrone. Mopidamol. Nitracrine. Pentostatin. Phenamet. Pirarubicin. Podophyllinic Acid. 2-Ethylhydrazide. Procarbazine. PSK®. Razoxane. Sizofiran. Spirogermanium. Taxol. Teniposide. Tenuazonic Acid. Triaziquone. 2,2',2''-Trichlorotriethylamine. Urethan. Vinblastine. Vincristine and Vindesine.

**52. Antineoplastic (hormonal) drugs, including:**

*Androgens such as* Calusterone. Dromostanolone Propionate. Epitiostanol. Mepitiostane and Testolactone;

*Antiadrenals such as* Aminoglutethimide. Mitotane and Trilostane;

*Antiandrogens such as* Flutamide and Nilutamide; and

*Antiestrogens such as* Tamoxifen and Toremifene.

**53. Antineoplastic adjuncts including folic acid replenishers such as** Folinic Acid.

**54. Antiparkinsonian drugs such as** Amantadine. Benserazide. Bietanautine. Biperiden. Bromocriptine. Budipine. Carbidopa. Deprenyl. Dextimide. Diethazine. Droxidopa. Ethopropazine. Ethylbenzhydramine. Levodopa. Naxagolide. Pergolide. Piroheptine. Pridinol. Prodipine. Terguride Tigloidine and Trihexyphenidyl Hydrochloride.

**55. Antipheochromocytoma drugs such as** Metyrosine. Phenoxylbenzamine and Phentolamine.

**56. Antipneumocystis drugs such as** Eflornithine. Pentamidine and Sulfamethoxazole.

**57. Antiprostatic hypertrophy drugs such as** Gestonorone Caproate. Mepartricin. Oxendolone and Proscar®.

**58. Antiprotozoal drugs (Leshmania) such as** Antimony Sodium Gluconate. Ethylstibamine. Hydroxystilbamidine. N-Methylglucamine. Pentamidine. Stilbamidine and Urea Stibamine.

**59. Antiprotozoal drugs (Trichomonas) such as** Acetarzone. Aminitroazole. Anisomycin. Azanidazole. Forminitrazole. Furazolidone. Hachimycin. Lauroguadine. Mepartricin. Metronidazole. Nifuratel. Nifuroxime. Nimorazole. Secnidazole. Silver Picrate. Tenonitroazole and Tinidazole.

**60. Antiprotozoal drugs (Trypanosma) such as** Benznidazole. Eflornithine. Melarsoprol. Nifurtimox. Oxophenarsine. Hydrochloride. Pentamidine. Propamidine. Puromycin. Quinapyramine. Stilbamidine. Suramin Sodium. Trypan Red and Tryparsamide.

**61. Antipuritics such as** Camphor. Cyproheptadine. Dichlorisone. Glycine. Halometasone. 3-Hydroxycamphor. Menthol. Mesulphen. Methdilazine. Phenol. Polidocanol. Risocaine. Spirit of Camphor. Thenaldine. Tolpropamine and Trimeprazine.

**62. Antipsoriatic drugs such as** Acitretin. Ammonium Salicylate. Anthralin. 6-Azaauridine. Bergapten(e). Chrysarobin. Etretnate and Pyrogallol.

**63. Antipsychotic drugs, including:**

*Butyrophenones such as* Benperidol. Bromperidol. Droperidol. Fluanisone. Haloperidol. Melperone. Moperone. Pipamperone. Spiperone. Timiperone and Trifluoperidol;

*Phenothiazines such as* Acetophenazine. Butaperazine. Carphenazine. Chlorproethazine. Chlorpromazine. Clospirazine. Cyamemazine. Dixyrazine. Fluphenazine. Imiclopazine. Mepazine. Mesoridazine. Methoxypropazine. Metofenazate. Oxaflumazine. Perazine. Pericyazine. Perimethazine. Perphenazine. Piperacetazine. Pipotiazine. Prochlorperazine. Promazine. Sulfuridazine. Thiopropazate. Thioridazine. Trifluoperazine and Trifluopromazine;

*Thioxanthenes such as* Chlorprothixene. Clopenthixol. Flupentixol and Thiothixene;

*other tricyclics such as* Benzquinamide. Carpipramine. Clonapramine. Clomacran. Clothiapine. Clozapine. Opipramol. Prothipendyl. Tetrabenazine and Zotepine; and

*others such as* Alizapride. Amisulpride. Buramate. Fluspirilene. Molindone. Penfluridol. Pimozide. Spirilene and Sulpiride.

**64. Antipyretics such as** Acetaminophen. Acetaminosalol. Acetanilide. Aconine. Aconite. Aconitine. Alclofenac. Aluminum Bis(acetylsalicylate). Aminochlorthenoxazin. Aminopyrine. Aspirin. Benorylate. Benzydamine. Berberine. p-Bromoacetanilide. Bufexamac. Bumadizon. Calcium Acetylsalicylate. Chlorthenoxazin(e). Choline Salicylate. Clidanac. Dihydroxyaluminum Acetylsalicylate. Dipyrrocetyl. Dipyrone. Epirizole. Etersalate. Imidazole Salicylate. Indomethacin. Isofezolac. p-Lactophenetide. Lysine Acetylsalicylate. Magnesium Acetylsalicylate. Meclofenamic Acid. Morazone. Morpholine Salicylate. Naproxen. Nifenazone. 5'-Nitro-2'-propoxyacetanilide. Propoxyacetanilide. Phenacetin. Phenicarbazide. Phenocoll. Phenopyrazone. Phenyl Acetylsalicylate. Phenyl Salicylate. Pipebuzone. Propacetamol. Propyphenazone. Ramifenazone. Salacetamide. Salicylamide O-Acetic Acid.

- Sodium Salicylate. Sulfamipyridine. Tetrandrine and Tinoridine.
65. **Antirickettsial drugs** such as p-Aminobenzoic Acid. Chloramphenicol. Chloramphenicol Palmitate. Chloramphenicol Pantothenate and Tetracycline.
66. **Antiseborrheic drugs** such as Chloroxine. 3-O-Lauroylpyridoxol Diacetate. Piroctone. Pyrithione. Resorcinol. Selenium Sulfides and Tioxolone.
67. **Antiseptics, including:**  
*Guanidines* such as Alexidine. Ambazone. Chlorhexidine and Picloxydine;  
*Halogens and halogen compounds* such as Bismuth Iodide Oxide. Bismuth Iodosubgallate. Bismuth Tribromophenate. Bornyl Chloride. Calcium Iodate. Chlorinated Lime. Cloflucarban. Flurosolan. Iodic Acid. Iodine. Iodine Monochloride. Iodine Trichloride. Iodoform. Methenamine Tetraiodine. Oxychlorosene. Povidone-Iodine. Sodium Hypochlorite. Sodium Iodate. Symclosene. Thymol Iodide. Triclocarban. Triclosan and Troclosene Potassium;
- Mercurial compounds* such as Hydrargaphen. Meralein Sodium. Merbromin. Mercuric Chloride. Mercuric Chloride Ammoniated. Mercuric Sodium p-Phenolsulfonate. Mercuric Succinimide. Mercuric Sulfide Red. Mercurophen. Mercurous Acetate. Mercurous Chloride. Mercurous Iodide. Nitromersol. Potassium Tetraiodomercurate(II). Potassium Triiodomercurate(II) Solution. Thimerfonate Sodium and Thimerosal;
- Nitrofurans* such as Furazolidone. 2-(Methoxymethyl)-5-nitrofur. Nidroxyzone. Nifuroxime. Nifurzide and Nitrofurazone;
- Phenols* such as Acetomerocetol. Bithionol. Cadmium Salicylate. Carvacrol. Chloroxylenol. Clorophene. Creosote. Cresol(s). p-Cresol. Fenticlor. Hexachlorophene. 1-Naphthyl Salicylate. 2-Naphthyl Salicylate. 2,4,6-Tribromo-m-cresol and 3',4',5-Trichlorosalicylanilide;
- Quinolines* such as Aminoquinuride. Benzoxiquine. Broxyquinoline. Chloroxine. Chlorquinaldol. Cloxyquin. Ethylhydrocupreine. Euprocine. Halquinol. Hydrastine. 8-Hydroxyquinoline. 8-Hydroxyquinoline Sulfate and Iodochlorhydroxyquin; and
- others* such as Aluminum Acetate Solution. Aluminum Subacetate Solution. Aluminum Sulfate. 3-Amino-4-hydroxybutyric Acid. Boric Acid. Chlorhexidine. Chloroazodin. m-Cresyl Acetate. Cupric Sulfate. Dibromopropamidine. Ichthammol. Negatol®. Noxytiolin. Ornidazole.  $\beta$ -Propiolactone.  $\alpha$ -Terpineol.
68. **Antispasmodic drugs** such as Alibendol. Ambucetamide. Aminopromazine. Apotropane. Bevonium Methyl Sulfate. Bietamiverine. Butaverine. Butropium Bromide. N-Butylscopolammonium Bromide. Caroverine. Cimetropium Bromide. Cinnamedrine. Clebopride. Coniine Hydrobromide. Coniine Hydrochloride. Cyclonium Iodide. Difemerine. Diisopromine. Dioxaphetyl Butyrate. Diponium Bromide. Drofenine. Emepromonium Bromide. Ethaverine. Feclamine. Fenalamin. Fenoverine. Fenpiprane. Fenpiverinium Bromide. Fentonium Bromide. Flavoxate. Flopropione. Gluconic Acid. Guaiactamine. Hydramitrazine. Hymecromone. Leiopyrrole. Mebeverine. Moxaverine. Nafiverine. Octamylamine. Octaverine. Pentapiperide. Phenamacide Hydrochloride. Phloroglucinol. Pinaverium Bromide. Piperilate. Pipoxolan Hydrochloride. Pramiverin. Prifinium Bromide. Properidine. Propivane. Propyromazine. Prozapine. Racefemine. Rociverine. Spasmolytol. Stilonium Iodide. Sultroponium. Tiemonium Iodide. Tiquizium Bromide. Tiropamide. Trepibutone. Tricromyl. Trifolium. Trimebutine. N,N-1Trimethyl-3,3-diphenyl-propylamine. Tropenzile. Trospium Chloride and Xenytropium Bromide.
69. **Antithrombotic drugs** such as Anagrelide. Argatroban. Cilostazol. Daltroban. Defibrotide. Enoxaparin. Fraxiparine®. Indobufen. Lamoparan. Ozagrel. Picotamide. Plafibride. Tedelparin. Ticlopidine and Triflusal.
70. **Antitussive drugs** such as Alloclamide. Amicibone. Benproperine. Benzonatate. Bibenzonium Bromide. Bromoform. Butamirate. Butethamate. Caramiphen. Ethanedisulfonate. Carbetapentane. Chlophedianol. Clobutinol. Cloperastine. Codeine. Codeine Methyl Bromide. Codeine N-Oxide. Codeine Phosphate. Codeine Sulfate. Cyclexanone. Dextromethorphan. Dibunate Sodium. Dihydrocodeine. Dihydrocodeinone Enol Acetate. Dimemorfan. Dimethoxanate.  $\alpha,\alpha$ -Diphenyl-2-piperidinepropanol. Dropropizine. Drotebanol. Eprazinone. Ethyl Dibunate. Ethylmorphine. Fominoben. Guaipate. Hydrocodone. Isoaminile. Levopropoxyphene. Morclofene. Narceine. Normethadone. Noscapine. Oxeladin. Oxolamine. Pholcodine. Picoperine. Pipazethate. Piperidione. Prenoxdiazine Hydrochloride. Racemethorphan. Taziprinone Hydrochloride. Tipepidine and Zipeprol.
71. **Antiulcerative drugs** such as Aceglutamide Aluminum Complex.  $\epsilon$ -Acetamidocaproic Acid

17

- Zinc Salt. Acetoxolone. Arbutin. Benexate Hydrochloride. Bismuth Subcitrate Sol (Dried). Carbenoxolone. Cetraxate. Cimetidine. Enprostil. Esaprazole. Famotidine. Ftalilide. Gefarnate. Guaiazulene. Irsogladine. Misoprostol. Nizatidine. Omeprazole. Ornoprostil.  $\gamma$ -Oryzanol. Pifarnine. Pirenzepine. Plauotol. Ranitidine. Rioprostil. Rosaprostil. Rotaxate. Roxatidine Acetate. Sofalcone. Spizofurone. Sucralfate. Teprenone. Trimoprostil. Trithiozine. Troxipide and Zolimidine.
72. **Antilithic drugs** such as Acetohydroxamic Acid. Allopurinol. Potassium Citrate and Succinimide.
73. **Antivenin drugs** such as Lyovac® Antivenin.
74. **Antiviral drugs, including:**  
*Purines and pyrimidinones* such as Acyclovir. Cytarabine. Dideoxyadenosine. Dideoxycytidine. Dideoxyinosine. Edoxudine. Floxuridine. Ganciclovir. Idoxuridine. Inosine Pranobex. MADU. Trifluridine. Vidarabine and Zidovudine; and  
*others* such as Acetyl-leucine Monoethanolamine. Amantadine. Amidinomycin. Cuminaldehyde Thiosemicarbazone. Foscarnet Sodium. Interferon- $\alpha$ . Interferon- $\beta$ . Interferon- $\gamma$ . Kethoxal. Lysozyme. Methisazone. Moroxydine. Podophyllotoxin. Ribavirin. Rimantadine. Stallimycin. Statolon. Tromantadine and Xenazoic Acid.
75. **Anxiolytic drugs, including:**  
*Arylpiperazines* such as Buspirone. Gepirone and Ipsapirone;  
*Benzodiazepine derivatives* such as Alprazolam. Bromazepam. Camazepam. Chlordiazepoxide. Clobazam. Clorazepate. Clotiazepam. Cloxazolam. Diazepam. Ethyl Loflazepate. Etizolam. Fludiazepam. Flutazolam. Flutoprazepam. Halazepam. Ketazolam. Lorazepam. Loxapine. Medazepam. Metaclozepam. Mexazolam. Nordazepam. Oxazepam. Oxazolam. Pinazepam. Prazepam and Tofisopam;  
*Carbamates* such as Cyclobamate. Emylcamate. Hydroxyphenamate. Meprobamate. Phenprobamate and Tybamate; and  
*others* such as Alpidem. Benzocetamine. Captodiamine. Chlormezanone. Etifoxine. Fluoresone. Glutamic Acid. Hydroxyzine. Mecloralurea. Mephenozone. Oxanamide. Phenaglycodol. Suriclone.
76. **Benzodiazepine antagonists** such as Flumazenil.
77. **Bronchodilators, including:**  
*Ephedrine derivatives* such as Albuterol. Bambuterol. Bitolterol. Carbuterol. Clenbuterol. Clorprenaline. Dioxethedrine. Ephedrine. Epinephrine. Eprozinol. Etafedrine. Ethylnorepinephrine. Fenoterol. Hexoprenaline. Isoetharine. Isoproterenol. Mabuterol. Metaproterenol. N-Methylephedrine. Pirbuterol. Procaterol. Protokylol. Reproterol. Rimiterol. Soterol. Terbuterol and Tulobuterol;  
*Quaternary ammonium compounds* such as Bevonium Methyl Sulfate. Flutropium Bromide. Ipratropium Bromide and Oxitropium Bromide;  
*Xanthine derivatives* such as Acefylline. Acefylline Piperazine. Ambuphylline. Aminophylline. Barnifylline. Choline Theophyllinate. Doxofylline. Dyphylline. Enprofylline. Etamiphyllin. Etofylline. Guaithylline. Proxyphylline. Theobromine. 1-Theobromineacetic Acid and Theophylline; and  
*others* such as Fenspiride. Medibazine. Methoxyphenamine and Tretoquinol.
78. **Calcium channel blockers, including:**  
*Arylalkylamines* such as Bepridil. Diltiazem. Fendiline. Gallopamil. Prenylamine. Terodiline and Verapamil;  
*Dihydropyridine derivatives* such as Felodipine. Isradipine. Nicardipine. Nifedipine. Nilvadipine. Nimodipine. Nisoldipine and Nitrendipine;  
*Piperazine derivatives* such as Cinnarizine. Flunarizine and Lidoflazine; and  
*others* such as Bencyclane. Etafenone and Perhexiline.
79. **Calcium regulators** such as Calcifediol. Calcitonin. Calcitriol. Clodronic Acid. Dihydroxycholesterol. Elcatonin. Etidronic Acid. Ipriflavone. Pamidronic Acid. Parathyroid Hormone and Teriparatide Acetate.
80. **Cardiotonics** such as Acefylline. Acetyldigitoxins. 2-Amino-4-picoline. Amrinone. Benfurodil Hemisuccinate. Bucladesine. Cerberoside. Camphotamide. Convallatoxin. Cymarin. Denopamine. Deslanoside. Digitalin. Digitalis. Digitoxin. Digoxin. Dobutamine. Dopamine. Dopexamine. Enoximone. Erythrophleine. Fenalcomine. Gitalin. Gitoxin. Glycocyamine. Heptaminol. Hydrastinine. Ibopamine. Lanatosides. Metamivam. Milrinone. Neriifolin. Oleandrin. Ouabain. Oxyfedrine. Prenalterol. Proscillaridin. Resibufogenin.

186

- Prodipine. Toloxatone and Tranlycypromine.
118. **Mucolytic agents such as** Acetylcysteine. Bromhexine. Carbocysteine. Domiodol. Letosteine. Lysozyme. Mecysteine Hydrochloride. Mesna. Sobrerol. Stepronin. Tiopronin and Tyloxapol.
  119. **Muscle relaxants (skeletal) such as** Afloqualone. Alcuronium. Atracurium Besylate. Baclofen. Benzocetamine. Benzoquinonium Chloride. C-Calebassine. Carisoprodol. Chlorfentanyl. Chlorphenesin Carbamate. Chlorproethazine. Chlorzoxazone. Curare. Cyclobenzaprine. Dantrolene. Decamethonium Bromide. Diazepam. Eperisone. Fazadinium Bromide. Flumetramide. Gallamine Triethiodide. Hexacarbacholine Bromide. Hexafluorenum Bromide. Idrocilamide. Laudexium Methyl Sulfate. Leptodactylone. Memantine. Mephenesin. Mephenoxalone. Metaxalone. Methocarbamol. Metocurine Iodide. Nimetazepam. Orphenadrine. Pancuronium Bromide. Phenprobamate. Phenyramidol. Pipecurium Bromide. Promoxolane. Quinine Sulfate. Styramate. Succinylcholine Bromide. Succinylcholine Chloride. Succinylcholine Iodine. Suxethonium Bromide. Tetrazepam. Thiocolchicoside. Tizanidine. Tolperisone. Tubocurarine Chloride. Vecuronium Bromide and Zoxazolamine.
  120. **Narcotic antagonists such as** Amiphenazole. Cyclazocine. Levallorphan. Nadide. Nalmefene. Nalorphine. Nalorphine Dinicotinate. Naloxone and Naltrexone.
  121. **Neuroprotective agents such as** Dizocilpine.
  122. **Nootropic agents such as** Aceglutamide. Acetylcarnitine. Aniracetam. Bifemelane. Exifone. Fipexide. Idebenone. Indeloxazine Hydrochloride. Nizofenone. Oxiracetam. Piracetam. Propentofylline. Pyritinol and Tacrine.
  123. **Ophthalmic agents such as** 15-ketoprostaglandins.
  124. **Ovarian hormone such as** Relaxin.
  125. **Oxytocic drugs such as** Carboprost. Cargutocin. Deaminooxytocin. Ergonovine. Gemeprost. Methylergonovine. Oxytocin. Pituitary (Posterior). Prostaglandin E<sub>2</sub>. Prostaglandin F<sub>2α</sub> and Sparteine.
  126. **Pepsin inhibitors such as** Sodium Amylosulfate.
  127. **Peristaltic stimulants such as** Cisapride.
  128. **Progestogens such as** Allylestrenol. Anagestone. Chlormadinone Acetate. Delmadinone Acetate. Demegestone. Desogestrel. Dimethisterone. Dydrogesterone. Ethisterone. Ethynodiol. Flurogesterone Acetate. Gestodene. Gestonorone Caproate. Haloprogestone. 17-Hydroxy-16-methylene-progesterone. 17α-Hydroxyprogesterone. 17α-Hydroxyprogesterone Caproate. Lynestrenol. Medrogestone. Medroxyprogesterone. Megestrol Acetate. Melengestrol. Norethindrone. Norethynodrel. Norgesterone. Norgestimate. Norgestrel. Norgestrienone. Norvinisterone. Pentagestrone. Progesterone. Promegestone. Quingestron and Trengestone.
  129. **Prolactin inhibitors such as** Metergoline.
  130. **Prostaglandins and prostaglandin analogs such as** Arbaprostil. Carboprost. Enprostil. Gemeprost. Limaprost. Misoprostol. Ornoprostil. Prostacyclin. Prostaglandin E<sub>1</sub>. Prostaglandin E<sub>2</sub>. Prostaglandin F<sub>2α</sub>. Rioprostil. Rosaprostol. Sulprostone and Trimoprostil.
  131. **Protease inhibitors such as** Aprotinin. Camostat. Gabexate and Nafamostat.
  132. **Respiratory stimulants such as** Almitrine. Bemegride. Carbon Dioxide. Cropropamide. Crotethamide. Dimeflin. Dimorpholamine. Doxapram. Ethamivam. Fominoben. Lobeline. Mepixanox. Metamivam. Nikethamide. PicROTOXIN. Pimeclon. Pyridofylline. Sodium Succinate and Tacrine.
  133. **Sclerosing agents such as** Ethanolamine. Ethylamine. 2-Hexyldecanoic Acid. Polidocanol. Quinine Bisulfate. Quinine Urea Hydrochloride. Sodium Ricinoleate. Sodium Tetradecyl Sulfate and Tribenoside.
  134. **Sedatives and hypnotics, including:**
    - Acyclic ureides such as* Acecarbromal. Apronalide. Bomisovalum. Capuride. Carbromal and Ectylurea;
    - Alcohols such as* Chlorhexadol. Ethchlorvynol. Meparfynol. 4-Methyl-5-thiazoleethanol. tert-Pentyl Alcohol and 2,2,2-Trichloroethanol;
    - Amides such as* Butocetamide. Diethylbromoacetamide. Ibrotamide. Isovaleryl Diethylamide. Niaprazine. Tricetamide. Trimetozine. Zolpidem and Zopiclone;
    - Barbituric acid derivatives such as* Allobarbitol. Amobarbitol. Aprobarbitol. Barbitol. Brallobarbitol. Butabarbitol Sodium. Butalbital. Butallylonal. Butethal. Carbubarb. Cyclobarbitol. Cyclopentobarbitol. Enallylpropymal. 5-Ehtyl-5-(1-piperidyl) barbituric Acid.

18c

5-Furfuryl-5-isopropylbarbituric Acid. Heptabarbital. Hexethal Sodium. Hexobarbital. Mephobarbital. Methitural. Narcobarbital. Neobarbital. Pentobarbital Sodium. Phenallymal. Phenobarbital. Phenobarbital Sodium. Phenylmethylbarbituric Acid. Probarbital. Propallylonal. Proxibarbal. Reposal. Secobarbital Sodium. Talbutal. Tetrabarbital. Vinbarbital Sodium and Vinylbital;

*Benzodiazepine derivatives such as* Brotizolam. Doxefazepam. Estazolam. Flunitrazepam. Flurazepam. Haloxazolam. Loprazolam. Lormetazepam. Nitrazepam. Quazepam. Temazepam and Triazolam;

*Bromides such as* Ammonium Bromide. Calcium Bromide. Calcium Bromolactobionate. Lithium Bromide. Magnesium Bromide. Potassium Bromide and Sodium Bromide;

*Carbamates such as* Amyl Carbamate-Tertiary. Ethinamate. Hexapropymate. Meparfynol Carbamate. Novonal and Trichlorourethan;

*Chloral derivatives such as* Carbocloral. Chloral Betaine. Chloral Formamide. Chloral Hydrate. Chloralantipyrine. Dichloralphenazone. Pentaerythritol Chloral and Triclofos;

*Piperidinediones such as* Glutethimide. Methypylon. Piperidione. Pyrithyldione. Taglutimide and Thalidomide;

*Quinazolone derivatives such as* Etaqualone. Mecloqualone and Methaqualone; and

*others such as* Acetal. Acetophenone. Aldol. Ammonium Valerate. Amphenidone. d-Bornyl  $\alpha$ -Bromoisovalerate. d-Bornyl Isovalerate. Bromoform. Calcium 2-Ethylbutanoate. Carfinat.  $\alpha$ -Chloralose. Clomethiazole. Cypridium. Doxylamine. Etodroxizine. Etomidate. Fenadiazole. Homofenazine. Hydrobromic Acid. Meclozamine. Menthyl Valerate. Opium. Paraldehyde. Perlazine. Propiomazine. Rilmazafone. Sodium Oxybate. Sulfonethylmethane and Sulfonmethane.

135. **Thrombolytic agents such as** APSAC. Plasmin. Pro-Urokinase. Streptokinase. Tissue Plasminogen Activator and Urokinase.

136. **Thyrotropic hormones such as** TRH and TSH.

137. **Uricosurics such as** Benzbromarone. Ethebenecid. Orotic Acid. Oxycinchophen. Probenecid. Sulfipyrazone. Ticrynafen and Zoxazolamine.

138. **Vasodilators (cerebral) such as** Bencyclane. Cinnarizine. Citicoline. Cyclandelate. Ciclonicate. Diisopropylamine Dichloroacetate. Eburnamonine. Fenoxedil. Flunarizine. Ibudilast. Ifenprodil. Nafronyl. Nicametate. Nicergoline. Nimodipine. Papaverine. Pentifylline. Tinfedrine. Vincamine. Vinpocetine and Viquidil.

139. **Vasodilators (coronary) such as** Amotriphene. Bendazol. Benfurodil Hemisuccinate. Benziodarone. Chloracizine. Chromonar. Clobenfurol. Clonitrate. Dilazep. Dipyridamole. Droprenilamine. Efloxate. Erythritol. Erythryl Tetranitrate. Etafenone. Fendiline. Floredil. Ganglefene. Hexestrol Bis( $\beta$ -diethylaminoethyl ether). Hexobendine. Itramin Tosylate. Khellin. Lidoflazine. Mannitol Hexanitate. Medibazine. Nicorandil. Nitroglycerin. Pentaerythritol Tetranitrate. Pentritinol. Perhexiline. Pimefylline. Prenylamine. Propatyl Nitrate. Pyridofylline. Tapidil. Tricromyl. Trimetazidine. Trolnitrate Phosphate and Visnadine.

140. **Vasodilators (peripheral) such as** Aluminum Nicotinate. Bamethan. Bencyclane. Betahistine. Bradykinin. Brovincamine. Bufonide. Buflomedil. Butalamine. Cetiedil. Ciclonicate. Cinepazide. Cinnarizine. Cyclandelate. Diisopropylamine Dichloroacetate. Eledoisin. Fenoxedil. Flunarizine. Hepronicate. Ifenprodil. Inositol Niacinate. Isoxsuprine. Kallidin. Kallikrein. Moxisylyte. Nafronyl. Nicametate. Nicergoline. Nicofuranose. Nicotiny Alcohol. Nylidrin. Pentifylline. Pentoxifylline. Piribedil. Prostaglandin E<sub>1</sub>. Suloctidil and Xanthinol Niacinate.

141. **Vasoprotectants such as** Benzarone. Bioflavonoids. Chromocarb. Clobenoside. Diosmin. Dobesilate Calcium. Escin. Folescutol. Leucocyanidin. Metescufylline. Quercetin. Rutin and Troxerutin.

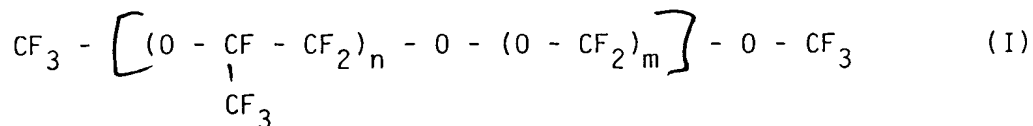
142. **Vitamins, vitamin sources and vitamin extracts such as** Vitamins A, B, C, D, E and K and derivatives thereof. Calciferols. Glycyrrhiza and Mecobalamin.

143. **Vulnerary agents such as** Acetylcysteine. Allantoin. Asiaticoside. Cadexomer Iodine. Chitin. Dextranomer and Oxaceprol.

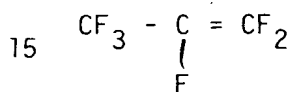
Detta utilizzazione incrementa il transassorbimento dei farmaci fino a oltre 5 volte la loro capacità naturale.

L'invenzione concerne, finalmente, anche i composti della classe dei

5 Perfluoropolyeteri di formula I



10 con  $n$  e  $m > 18$  e  $< 46$  e con pesi molecolari fra  $\sim 600$  e  $\sim 8000$ , specialmente quelli con  $n$  e  $m > 24$  e  $< 36$  e con pesi molecolari fra 1000 e 4000 ed ottenuti mediante polimerizzazione di esafluoropropene



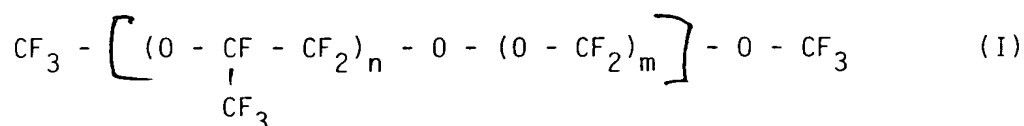
con ossigeno attivato all'UV.

PA 99/51 CH

RIVENDICAZIONI

1. Composizioni farmaceutiche, caratterizzate dal fatto di contenere,  
a parte del o dei principio(i) attivo(i),

- tra i 0,01 ed i 60 % p/p dei composti di formula I



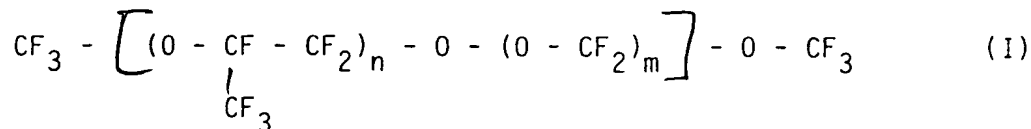
con n e m  $> 18$  e  $< 46$  e con pesi molecolari fra  $\sim 600$  e  
 $\sim 8000$ , come composti ad attività promotrice di assorbimento  
dei principi attivi.

2. Composizioni farmaceutiche come da rivendicazione 1, caratterizzate  
in che contengono congiuntamente anche da 0,01 a 20 % p/p di  
Fosfatidilcolina.

3. Composizioni farmaceutiche come da rivendicazioni 1 o 2 con  
0,1 e 30 % p/p dei composti di formula I con n e m  $> 24$  e  $< 36$  e  
con pesi molecolari fra 1000 e 4000 e con 0,1 a 10 % p/p di  
Fosfatidilcolina.

4. Composizioni farmaceutiche come da rivendicazioni 1 a 3, contenenti  
altre componenti compatibili e presenti in forma di creme, emul-  
sioni, unguenti, lozioni, schiume, gel e formulazioni transdermali.

5. Utilizzazione dei composti di formula I



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con n e m  $> 18$  e  $< 46$ , preferibilmente  $> 24$  e  $< 36$ , e con pesi molecolari fra  $\sim 600$  e  $\sim 8000$ , preferibilmente fra 1000 e 4000, in composizioni farmaceutiche ad uso topico esterno o interno per promuovere l'assorbimento di principi attivi attraverso derma, cutis, mucosa, rectum, vagina e urethra.

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6. Utilizzazione come da rivendicazione 5, caratterizzata in che i composti di formula I sono utilizzati congiuntamente con la Fosfatidilcolina.

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7. Utilizzazione come da rivendicazioni 5 o 6, in quanto i principi attivi usati hanno preferibilmente un effetto anabolico, analgesico, androgenico, anestetico, anoretico, anthelmintico, antiallergico, antiamebico, antiandrogenico, antianginale, antiarritmico, antiarteriosclerico, antiarthritico e -rheumatico, antibatterico, anticholinergico, anticonvulsante, antidepressante, antidiabetico, antidiarrhetico, antidiuretico, antiestrogenico, antibiotico, antiglaucomico, antigonotropico, antiistaminico, antiiperlipoproteinico, antiiperthyreodico, antiipertensivo, antiinfiammatorio, antimalariale, antimigrenico, antinauseante, antineoplastico, antiparkinsonico, antiprotozonale, antipruritico, antipsoriativo, antipsicotico, antipiretico, antisetico, antispasmodico, antithrombotico, antitussivo, antiulcerale, antivirale, antixiolitico, bronchodilatatorio, da CA-blockers o regolatorio, cardiotonico, stimulante, decongestante, diuretico o enzimatico.

8. Utilizzazione come da rivendicazione 7, caratterizzata in che i farmaci sono la Troxerutina ed il Nimesulide ed, inoltre

1.  **$\alpha$ -Adrenergic agonists** such as Adrafinil. Adrenolone. Amidephrine. Apraclonidine. Budralazine. Clonidine. Cyclopentamine. Detomidine. Dimetofrine. Dipivefrin. Ephedrine. Epinephrine. Fenoxazoline. Guanabenz. Guanfacine. Hydroxyamphetamine. Ibopamine. Indanazoline. Isometheptene. Mephentermine. Metaraminol. Methoxamine Hydrochloride. Methylhexanamine. Metizolene. Midodrine. Naphazoline. Norepinephrine. Norfenefrine. Octodrine. Octopamine. Oxymetazoline. Phenylephrine Hydrochloride. Phenylpropanolamine Hydrochloride. Phenylpropylmethylamine. Pholedrine. Propylhexedrine. Pseudoephedrine. Rilmenidine. Synephrine. Tetrahydrozoline. Tiamenidine. Tramazoline. Tuaminoheptane. Tymazoline. Tyramine and Xylometazoline.
2.  **$\beta$ -Adrenergic agonists** such as Albuterol. Bambuterol. Bitolterol. Carbuterol. Clenbuterol. Clorprenaline. Denopamine. Dioxethedrine. Dopexamine. Ephedrine. Epinephrine. Etafedrine. Ethylnorepinephrine. Fenoterol. Formoterol. Hexoprenaline. Ibopamine. Isoetharine. Isoproterenol. Mabuterol. Metaproterenol. Methoxyphenamine. Oxyfedrine. Pirbuterol. Prenalterol. Procaterol. Protokylol. Reproterol. Rimiterol. Ritodrine. Soterenol. Terbuterol and Xamoterol.
3.  **$\alpha$ -Adrenergic blockers** such as Amosulalol. Arotinolol. Dapiprazole. Doxazosin. Ergoloid Mesylates. Fenspiride. Indoramin. Labetalol. Nicergoline. Prazosin. Terazosin. Tolazoline. Trimazosin and Yohimbine.
4.  **$\beta$ -Adrenergic blockers** such as Acebutolol. Alprenolol. Amosulalol. Arotinolol. Atenolol. Befunolol. Betaxolol. Bevantolol. Bisoprolol. Bopindolol. Bucumolol. Bufetolol. Bufuralol. Bunitrolol. Bupranolol. Butidine Hydrochloride. Butofilolol. Carazolol. Carteolol. Carvedilol. Celiprolol. Cetamolol. Cloranolol. Dilevalol. Epanolol. Esmolol. Indenolol. Labetalol. Levobunolol. Mepindolol. Metipranolol. Metoprolol. Moprolol. Nadoxolol. Nifenalol. Nipradilol. Oxprenolol. Penbutolol. Pindolol. Practolol. Pronethalol. Propranolol. Sotalol. Sulfinalol. Talinolol. Tertatolol. Timolol. Toliprolol and Xibenolol.
5. **Alcohol deterrents** such as Calcium Cyanamide Citrated. Disulfiram. Nadide and Nitrefazole.
6. **Aldose reductase inhibitors** such as Epalrestat. Ponalrestat. Sorbinil and Tolrestat.
7. **Anabolics** such as Androisoxazole. Androstenediol. Bolandiol. Bolasterone. Clostebol. Ethylestrenol. Formyldienolone. 4-Hydroxy-19-nortestosterone. Methandriol. Methenolone. Methyltrienolone. Nandrolone. Nandrolone Decanoate. Nandrolone p-Hexyloxyphenylpropionate. Nandrolone Phenpropionate. Norbolethone. Oxymesterone. Pizotyline. Quinbolone. Stenbolone and Trenbolone.
8. **Analgesics (dental)** such as Chlorobutanol. Clove and Eugenol.
9. **Analgesics (narcotic)** such as Alfentanil. Allylprodine. Alphaprodine. Anileridine. Benzylmorphine. Bezitramide. Buprenorphine. Butorphanol. Clonitazene. Codeine. Codeine Methyl Bromide. Codeine Phosphate. Codeine Sulfate. Desomorphine. Dextromoramide. Dezocine. Diampromide. Dihydrocodeine. Dihydrocodeinone Enol Acetate. Dihydromorphine. Dimenoxadol. Dimepheptanol. Dimethylthiambutene. Dioxaphetyl Butyrate. Dipipanone. Eptazocine. Ethoheptazine. Ethylmethylthiambutene. Ethylmorphine. Etonitazene. Fentanyl. Hydrocodone. Hydromorphone. Hydroxypethidine. Isomethadone. Ketobemidone. Levorphanol. Lofentanil. Meperidine. Meptazinol. Metazocine. Methadone Hydrochloride. Metopon. Morphine. Morphine Derivatives. Myrophine. Nalbuphine. Narceine. Nicomorphine. Norlevorphanol. Normethadone. Normorphine. Norpipanone. Opium. Oxycodone. Oxymorphone. Papaveretum. Pentazocine. Phenadoxone. Phenazocine. Phenoperidine. Piminodine. Piritramide. Proheptazine. Promedol. Properidine. Propiram. Propoxyphene. Sufentanil and Tilidine.
10. **Analgesics (non-narcotic)** such as Acetaminophen. Acetaminosalol. Acetanilide. Acetylsalicylsalicylic Acid. Alclofenac. Alminoprofen. Aloxiprin. Aluminum Bis (acetylsalicylate). Aminochlorthenoxazin. 2-Amino-4-picoline. Aminopropylol. Aminopyrine. Ammonium Salicylate. Antipyrine. Antipyrine Salicylate. Antrafenine. Apazone. Aspirin. Benorylate. Benoxaprofen. Benzpiperylon. Benzylamine. p-Bromoacetanilide. 5-Bromosalicylic Acid Acetate. Bucetin. Bufexamac. Bumadizon. Butacetin. Calcium Acetylsalicylate. Carbamazepine. Carbetidine. Carbiphen. Carsalam. Chloralantipyrine. Chlorthenoxazin(e). Choline Salicylate. Cinchophen. Ciramadol. Clometacin. Cropropamide. Crotethamide. Dexoxadol. Difenamizole. Diflunisal. Dihydroxyaluminum Acetylsalicylate. Dipyrrocetyl. Dipyrone. Emorfazone. Enfenamic Acid. Epirizole. Etersalate. Ethenzamide. Ethoxazene. Etodolac. Felbinac. Fenoprofen. Floctafenine. Flufenamic Acid. Fluoresone. Flupirtine. Fluproquazone. Flurbiprofen. Fosfosal.

23

Gentisic Acid. Glafenine. Ibufenac. Imidazole Salicylate. Indomethacin. Indoprofen. Isofezolac. Isoladol. Isonixin. Ketoprofen. Ketorolac. p-Lactophenetide. Lefetamine. Loxoprofen. Lysine Acetylsalicylate. Magnesium Acetylsalicylate. Methotrimprazine. Metofoline. Mioprofen. Morazone. Morpholine Salicylate. Naproxen. Nefopam. Nifenazone. 5-Nitro-2-propoxyacetanilide. Parsalimide. Perisoxal. Phenacetin. Phenazopyridine Hydrochloride. Phenocoll. Phenopyrazone. Phenyl Acetylsalicylate. Phenyl Salicylate. Phenylramidol. Pipebuzone. Piperylone. Prodilidine. Propacetamol. Propyphenazone. Proxazole. Quinine Salicylate. Ramifenazone. Rimazolium Metilsulfate. Salacetamide. Salicin. Salicylamide. Salicylamide O-Acetic Acid. Salicylsulfuric Acid. Salsalate. Salverine. Simetride. Sodium Salicylate. Sulfamipyrine. Suprofen. Tainflumate. Tenoxicam. Terofenamate. Tetradrine. Tinoridine. Tolfenamic Acid. Tolpronine. Tramadol. Viminol. Xenbucin and Zomepirac.

11. **Androgens** such as Boldenone. Fluoxymesterone. Mestanolone. Mesterolone. Methandrostenolone. 17-Methyltestosterone. Methyltestosterone. 17 $\alpha$ -Methyltestosterone 3-Cyclopentyl Enol Ether. Norethandrolone. Normethandrone. Oxandrolone. Oxymesterone. Oxymetholone. Prasterone. Stanolone. Stanozolol. Testosterone. Testosterone 17-Chloral Hemiacetal. Testosterone 17 $\beta$ -Cypionate. Testosterone Enanthate. Testosterone Nicotinate. Testosterone Phenyl Acetate. Testosterone Propionate and Tiomesterone.
12. **Anesthetics (intravenous)** such as Acetamidoeugenol. Alfadolone Acetate. Alfaxalone. Ambucaine. Amolanone. Amylocaine Hydrochloride. Benoxinate. Betoxycaïne. Biphenamine. Bupivacaine. Butacaine. Butamben. Butanilcaine. Butethamine. Buthalital Sodium. Butoxycaïne. Carticaine. 2-Chloroprocaine Hydrochloride. Cocaethylene. Cocaine. Cyclomethycaine. Dibucaine Hydrochloride. Dimethisoquin. Dimethocaine. Diperonon Hydrochloride. Dyclonine. Ecgonidine. Ecgonine. Ethyl Aminobenzoate. Ethyl Chloride. Etidocaine. Etoxadrol.  $\beta$ -Eucaine. Euprocine. Fenalcomine. Fomocaine. Hexobarbital. Hexylcaine Hydrochloride. Hydroxydione Sodium. Hydroxyprocaine. Hydroxytetracaine. Isobutyl p-Aminobenzoate. Kentamine. Leucinocaine Mesylate. Levoadrol. Lidocaine. Mepivacaine. Meprylcaine Hydrochloride. Metabutoxycaïne Hydrochloride. Methohexital Sodium. Methyl Chloride. Midazolam. Myrtecaine. Naepaine. Octacaine. Orthocaine. Oxethazaine. Parethoxycaïne. Phenacaine Hydrochloride. Phencyclidine. Phenol. Piperocaine. Piridocaine. Polidocanol. Pramoxine. Prilocaine. Procaine. Propanidid. Propanocaine. Proparacaine. Propipocaine. Propofol. Propoxycaïne Hydrochloride. Pseudococaine. Pyrrocaine. Quinine Urea Hydrochloride. Risocaine. Salicyl Alcohol. Tetracaine Hydrochloride. Thialbarbital. Thimylal. Thiobutabarbital. Thiopental Sodium. Tolycaïne. Trimecaine and Zolamine.
13. **Anorectics** such as Aminorex. Amphetcloral. Amphetamine. Benzphetamine. Chlorphentermine. Clobenzorex. Cloforex. Clortermine. Cyclexedrine. Dextroamphetamine Sulfate. Diethylpropion. Diphemethoxidine. N-Ethylamphetamine. Fenbutrazate. Fenfluramine. Fenproporex. Furfurylmethylamphetamine. Levophacetoperate. Mazindol. Mefenorex. Metamfepramone. Methamphetamine. Norpseudoephedrine. Phendimetrazine. Phenmetrazine. Phenpentermine. Phenylpropanolamine Hydrochloride and Picilorex.
14. **Anthelmintics (Cestodes)** such as Arecoline. Aspidin. Aspidinol. Dichlorophen(e). Embelin. Kosin. Naphthalene. Niclosamide. Pellertierine. Pellertierine Tannate and Quinacrine.
15. **Anthelmintics (Nematodes)** such as Alantolactone. Amoscanate. Ascaridole. Bephenium. Bitoscanate. Carbon Tetrachloride. Carvacrol. Cyclobendazole. Diethylcarbamazine. Diphenane. Dithiazanine Iodide. Dymanthine. Gentian Violet. 4-Hexylresorcinol. Kainic Acid. Mebendazole. 2-Naphthol. Oxantel. Papain. Piperazine. Piperazine Adipate. Piperazine Citrate. Piperazine Edetate Calcium. Piperazine Tartrate. Pyrantel. Pyrvinium Pamoate.  $\alpha$ -Santonin. Stilbazium Iodide. Tetrachloroethylene. Tetramisole. Thiabendazole. Thymol. Thymyl N-Isoamylcarbamate. Triclofenol Piperazine and Urea Stibamine.
16. **Anthelmintics (Onchocerca)** such as Ivermectin and Suramin Sodium.
17. **Anthelmintics (Schistosoma)** such as Amoscanate. Amphotalide. Antimony Potassium Tartrate. Antimony Sodium Gluconate. Antimony Sodium Tartrate. Antimony Sodium Thioglycollate. Antimony Thioglycollamide. Becanthone. Hycanthone. Lucanthone Hydrochloride. Niridazole. Oxamniquine. Praziquantel. Stibocaptate. Stibophen and Urea Stibamine.
18. **Anthelmintics (Trematodes)** such as Anthiolimine and Tetrachloroethylene.
19. **Antiacne drugs** such as Algestone Acetophenide. Azelaic Acid. Benzoyl Peroxide. Cyocetol. Cyproterone. Motretinide. Resorcinol. Retinoic Acid and Tetroquinone.

20. **Antiallergics** such as Amlexanox. Astemizole. Azelastine. Cromolyn. Fenpiprane. Histamine. Ibudilast. Nedocromil. Oxatomide. Pentigetide. Poison Ivy Extract. Poison Oak Extract. Poison Sumac Extract. Repirinast. Tranilast. Traxanox and Urushiol.
21. **Antiamoebics** such as Arsthinol. Bialamicol. Carbarsone. Cephaeline. Chlorbetamide. Chloroquine. Chlorphenoxamide. Chlortetracycline. Dehydroemetine. Dibromopropamide. Diloxanide. Diphetarsone. Emetine. Fumagillin. Glaucarubin. Glycobiarsol. 8-Hydroxy-7-iodo-5-quinolinesulfonic Acid. Iodochlorhydroxyquin. Iodoquinol. Paromomycin. Phanquinone. Phenarsone Sulfoxylate. Polybenzarsol. Propamide. Quinfamide. Secnidazole. Sulfarside. Teclozan. Tetracycline. Thiocarbazine. Thiocarbarsone and Tinidazole.
22. **Antiandrogens** such as Bifluranol. Cyoctol. Cyproterone. Delmadinone Acetate. Flutamide. Nilutamide and Oxendolone.
23. **Antianginals** such as Acebutolol. Alprenolol. Amiodarone. Amlodipine. Arotinolol. Atenolol. Bepridil. Bevantolol. Bucumolol. Bufetolol. Bufuralol. Bunitrolol. Bupranolol. Carazolol. Carteolol. Carvedilol. Celiprolol. Cinepazet Maleate. Diltiazem. Epanolol. Felodipine. Gallopamil. Imolamine. Indenolol. Isosorbide Dinitrate. Isradipine. Limaprost. Mepindolol. Metoprolol. Molsidomine. Nadolol. Nicardipine. Nifedipine. Nifenalol. Nilvadipine. Nipradilol. Nisoldipine. Nitroglycerin. Oxprenolol. Oxyfedrine. Ozagrel. Penbutolol. Pentaerythritol Tetranitrate. Pindolol. Pronethalol. Propranolol. Sotalol. Terodiline. Timolol. Toliprolol and Verapamil.
24. **Antiarrhythmics** such as Acebutolol. Acecainide Adenosine. Ajmaline. Alprenolol. Amiodarone. Amoproxan. Aprindine. Arotinolol. Atenolol. Bevantolol. Bretylium Tosylate. Bucumolol. Bufetolol. Bunaftine. Bunitrolol. Bupranolol. Butidine Hydrochloride. Butobendine. Capobenic Acid. Carazolol. Carteolol. Cifenline. Cloranolol. Disopyramide. Encainide. Esmolol. Flecainide. Gallopamil. Hydroquinidine. Indecainide. Indenolol. Ipratropium Bromide. Lidocaine. Lorajmine. Lorcanide. Meobentine. Metipranolol. Mexiletine. Moricizine. Nadoxolol. Nifenalol. Oxprenolol. Penbutolol. Pindolol. Pirmenol. Practolol. Prajmaline. Procainamide Hydrochloride. Pronethalol. Propafenone. Propranolol. Pyrinoline. Quinidine Sulfate. Quinidine. Sotalol. Talinolol. Timolol. Tocainide. Verapamil. Viquidil and Xibenolol.
25. **Antiarteriosclerotics** such as Pyridinol Carbamate.
26. **Antiartritic/Antirheumatics** such as Allocupreide Sodium. Auranofin. Aurothioglucoase. Aurothioglycanide. Azathioprine. Calcium 3-Aurothio-2-propanol-1-sulfonate. Chloroquine. Clobazart. Cuproxoline. Diacerein. Glucosamine. Gold Sodium Thiomalate. Gold Sodium Thiosulfate. Hydroxychloroquine. Kebuzone. Lobenzarit. Melittin. Methotrexate. Myoral and Penicillamine.
27. **Antibacterial (antibiotic) drugs, including:**
  - Aminoglycosides* such as Amikacin. Apramycin. Arbekacin. Bambermycins. Butirosin. Dibekacin. Dihydrostreptomycin. Fortimicin(s). Gentamicin. Isepamicin. Kanamycin. Micronomicin. Neomycin. Neomycin Undecylenate. Netilmicin. Paromomycin. Ribostamycin. Sisomicin. Spectinomycin. Streptomycin. Streptonicozid and Tobramycin;
  - Amphenicols* such as Azidamfenicol. Chloramphenicol. Chloramphenicol Palmitate. Chloramphenicol Pantothenate. Florfenicol and Thiamphenicol;
  - Ansamycins* such as Rifamide. Rifampin. Rifamycin and Rifaximin.
- $\beta$ -Lactams including:**
  - Carbapenems* such as Imipenem;
  - Cephalosporins* such as Cefaclor. Cefadroxil. Cefamandole. Cefatrizine. Cefazedone. Cefazolin. Cefixime. Cefmenoxime. Cefodizime. Cefonicid. Cefoperazone. Ceforanide. Cefotaxime. Cefotiam. Cefpimizole. Cefpiramide. Cefpodoxime Proxetil. Cefroxadine. Cefsulodin. Ceftazidime. Cefteram. Ceftezole. Ceftibuten. Ceftizoxime. Ceftriaxone. Cefuroxime. Cefuzonam. Cephradine Sodium. Cephalixin. Cephaloglycin. Cephaloridine. Cephalosporin. Cephalothin. Cepiparin Sodium. Cephradine and Pivcefalexin;
  - Cephameycins* such as Cefbuperazone. Cefmetazole. Cefminox. Cefotetan and Cefoxitin;
  - Monobactams* such as Aztreonam. Carumonam and Tigemonam;
  - Oxacephems* such as Flomoxef and Moxolactam;
  - Penicillins* such as Amidinocillin. Amidinocillin Pivoxil. Amoxicillin. Ampicillin. Apalcillin. Aspoxicillin. Azidocillin. Azlocillin. Bacampicillin. Benzylpenicillinic Acid. Benzylpenicillin Sodium. Carbenicillin. Carfecillin Sodium. Carindacillin. Clometocillin. Cloxacillin. Cyclacillin. Dicloxacillin. Diphenicillin Sodium. Epicillin. Fenbenicillin. Floxacillin. Hetacillin. Lenampicillin. Metampicillin. Methicillin Sodium. Mezlocillin. Nafcillin Sodium.

25

Oxacillin. Penamercillin. Penethamate Hydriodide. Penicillin G Benethamine. Penicillin G Benzathine. Penicillin G Benzhydrylamine. Penicillin G Calcium. Penicillin G Hydrabamine. Penicillin G Potassium. Penicillin G Procaine. Penicillin N. Penicillin O. Penicillin V. Penicillin V Benzathine. Penicillin V Hydrabamine. Penimepicycline. Phenethicillin Potassium. Piperacillin. Pivampicillin. Propicillin. Quinacillin. Sulbenicillin. Talampicillin. Temocillin and Ticarcillin;

*Lincosamides* such as Clindamycin and Lincomycin;

*Macrolides* such as Azithromycin. Carbomycin. Clarithromycin. Erythromycin. Erythromycin Acistrate. Erythromycin Estolate. Erythromycin Glucoheptonate. Erythromycin Lactobionate. Erythromycin Propionate. Erythromycin Stearate. Josamycin. Leucomycins. Midecamycins. Miokamycin. Oleandomycin. Primycin. Rokitamycin. Rosaramicin. Roxithromycin. Spiramycin and Troleandomycin;

*Polypeptides* such as Amphomycin. Bacitracin. Capreomycin. Colistin. Enduracidin. Enviomycin. Fusafungine. Gramicidin(s). Gramicidin S. Mikamycin. Polymyxin. Polymyxin B-Methanesulfonic Acid. Pristinamycin. Ristocetin. Teicoplanin. Thiostrepton. Tuberactinomycin. Tyrocidine. Tyrothricin. Vancomycin. Viomycin. Viomycin Pantothenate. Virginiamycin and Zinc Bacitracin;

*Tetracyclines* such as Apicycline. Chlortetracycline. Clomocycline. Demeclocycline. Doxycycline. Guamecycline. Lyme cycline. Meclocycline. Methacycline. Minocycline. Oxytetracycline. Penimepicycline. Pipacycline. Rolitetracycline. Sancycline. Senociclin and Tetracycline; and

*other antibiotics* such as Cycloserine. Mupirocin and Tuberin.

## 28. Antibacterial drugs (synthetic), including:

*2,4-Diaminopyrimidines* such as Brodimoprim. Tetroxoprim and Trimethoprim;

*Nitrofurans* such as Furaltadone. Furazolium Chloride. Nifuradene. Nifuratel. Nifurfoline. Nifurpirinol. Nifurpazine. Nifurtinol and Nitrofurantoin;

*Quinolones and Analogs* such as Amifloxacin. Cinoxacin. Ciprofloxacin. Difloxacin. Enoxacin. Fleroxacin. Flumequine. Lomefloxacin. Miloxacin. Nalidixic Acid. Norfloxacin. Ofloxacin. Oxolinic Acid. Pefloxacin. Pipemidic Acid. Piromidic Acid. Rosoxacin. Temafloxacin and Tosufloxacin;

*Sulfonamides* such as Acetyl Sulfamethoxypyrazine. Acetyl Sulfisoxazole. Azosulfamide. Benzylsulfamide. Chloramine-B. Chloramine-T. Dichloramine T. Formosulfathiazole. N<sup>2</sup>Formylsulfisomidine. N<sup>2</sup>-β-D-Glucosylsulfanilamide. Mafenide. 4'-(Methylsulfamoyl) sulfanilamide. p-Nitrosulfathiazole. Noprylsulfamide. Phthalylsulfacetamide. Phthalylsulfathiazole. Salazosulfadimidine. Succinylsulfathiazole. Sulfabenzamide. Sulfacetamide. Sulfachlorpyridazine. Sulfachrysoidine. Sulfacytine. Sulfadiazine. Sulfadiazine. Sulfadimethoxine. Sulfadoxine. Sulfathiazole. Sulfaguanidine. Sulfaguanol. Sulfalene. Sulfaloxic Acid. Sulfamerazine. Sulfameter. Sulfamethazine. Sulfamethizole. Sulfamethomidine. Sulfamethoxazole. Sulfamethoxypyridazine. Sulfametrole. Sulfamidochrysoidine. Sulfamoxole. Sulfanilamide. Sulfanilamidomethanesulfonic Acid Triethanolamine Salt. 4-Sulfanilamidosalicylic Acid. N<sup>4</sup>-Sulfanilylsulfanilamide. Sulfanilylurea. N-Sulfanilyl-3,4-xylamide. Sulfanitrane. Sulfaperine. Sulfaphenazole. Sulfaproxyline. Sulfapyrazine. Sulfapyridine. Sulfasomizole. Sulfasymazine. Sulfathiazole. Sulfathiourea. Sulfatolamide. Sulfisomidine and Sulfisoxazole;

*Sulfones* such as Acedapsone. Acediasulfone. Acetosulfone Sodium. Dapsone. Diathymosulfone. Glucosulfone Sodium. Solasulfone. Succisulfone. Sulfanilic Acid. p-Sulfanilylbenzylamine. p,p'-Sulfonyldianiline-N,N'-digalactoside. Sulfoxone Sodium and Thiazolsulfone; and

*others* such as Clofocetol. Hexedine. Methenamine. Methenamine Anhydromethylene-citrate. Methenamine Hippurate. Methenamine Mandelate. Methenamine Sulfosalicylate. Nitroxoline and Xibornol.

29. Anticholinergics such as Adiphenine Hydrochloride. Alverine. Ambutonium Bromide. Aminopentamide. Amixetrine. Amprotropine Phosphate. Anisotropine Methylbromide. Apotropane. Atropine. Atropine N-Oxide. Benactyzine. Benapryzine. Benzetimide. Benzilium Bromide. Benztropine Mesylate. Bevonium Methyl Sulfate. Biperiden. Butropium Bromide. N-Butylscopolammonium Bromide. Buzepide. Camylofine. Caramiphen Hydrochloride. Chlorbenzoxamine. Chlorphenoxamine. Cimetropium Bromide. Clidinium Bromide. Cyclo-drine. Cyclonium Iodide. Cycrimine Hydrochloride. Deptropine. Dexetimide. Dibutoline Sulfate. Dicyclomine Hydrochloride. Diethazine. Difemerine. Dihexyverine.

Diphenamil Methylsulfate. N-(1,2-Diphenylethyl)nicotinamide. Dipipraverine. Diponium Bromide. Emepromium Bromide. Endobenzylamine Bromide. Ethopropazine. Ethylbenztropine. Ethylbenzhydramine. Etomidoline. Eucatropine. Fenpiverinium Bromide. Fentionium Bromide. Flutropium Bromide. Glycopyrrolate. Heteronium Bromide. Hexocyclium Methyl Sulfate. Homatropine. Hyoscyamine. Ipratropium Bromide. Isopropamide. Levomepate. Meclozamine. Mepenzolate Bromide. Metcaraphen. Methantheline Bromide. Methixene. Methscopolamine Bromide. Octamylamine. Oxybutynin Chloride. Oxyphenacyclimine. Oxyphenonium Bromide. Pentapiperide. Penthienate Bromide. Phencarbamide. Phenglutarimide. Pipenzolate Bromide. Piperidolate. Piperilate. Poldine Methylsulfate. Pridinol. Prifinium Bromide. Procyclidine. Propantheline Bromide. Propenzolate. Propyromazine. Scopolamine. Scopolamine N-Oxide. Stilonium Iodide. Stramonium. Sultroponium. Thihexinol. Thiphenamil. Tiemonium Iodide. Timepidium Bromide. Tiquizium Bromide. Tridihexethyl Iodide. Trihexyphenidyl Hydrochloride. Tropacine. Tropenzile. Tropicamide. Trosipium Chloride. Valethamate Bromide and Xenytropium Bromide.

30. **Anticonvulsants such as** Acetylpheneturide. Albutoin. Aloxidone. Aminoglutethimide. 4-Amino-3-hydroxybutyric Acid. Atrolactamide. Beclamide. Buramate. Calcium Bromide. Carbamazepine. Cinromide. Clomethiazole. Clonazepam. Decimernide. Diethadione. Dimethadione. Doxenitoin. Eterobarb. Ethadione. Ethosuximide. Ethotoin. Fluoresone. 5-Hydroxytryptophan. Lamotrigine. Magnesium Bromide. Magnesium Sulfate. Mephenytoin. Mephobarbital. Metharbital. Methetoin. Methsuximide. 5-Methyl-5-(3-phenanthryl)hydantoin. 3-Methyl-5-phenylhydantoin. Narcobarbital. Nimetazepam. Nitrazepam. Paramethadione. Phenacemide. Phenetharbital. Pheneturide. Phenobarbital. Phenobarbital Sodium. Phensuximide. Phenylmethylbarbituric Acid. Phenytoin. Phethenylate Sodium. Potassium Bromide. Primidone. Progabide. Sodium Bromide. Solanum. Strontium Bromide. Suclofenide. Sulthiame. Tetrantoin. Trimethadione. Valproic Acid. Valpromide. Vigabatrin and Zonisamide.

### 31. Antidepressants, including:

*Bicyclics such as* Binedaline. Caroxazone. Citalopram. Dimethazan. Indalpine. Fencamine. Indeloxazine Hydrochloride. Nefopam. Nomifensine. Oxitriptan. Oxypertine. Paroxetine. Sertraline. Thiazesim. Trazodone and Zometapine;

*Hydrazides/Hydrazines such as* Benmoxine. Iproclozide. Iproniazid. Isocarboxazid. Nialamide. Octamoxin and Phenelzine;

*Pyrrolidones such as* Cotinine. Rolicyprine and Rolipram;

*Tetracyclics such as* Maprotiline. Metralindole. Mianserin and Oxaprotiline;

*Tricyclics such as* Adinazolam. Amitriptyline. Amitriptylinoxide. Amoxapine. Butriptyline. Clomipramine. Demexiptiline. Desipramine. Dibenzepin. Dimetacrine. Dothiepin. Doxepin. Fluacizine. Imipramine. Imipramine N-Oxide. Iprindole. Lofepamine. Melitracen. Metapramine. Nortriptyline. Noxiptilin. Opipramol. Pizotyline. Propizepine. Protriptyline. Quinupramine. Tianeptine and Trimipramine; and

*others such as* Adrafinil. Benactyzine. Bupropion. Butacetin. Deanol. Deanol Aceglumate. Deanol Acetamidobenzoate. Dioxadrol. Etoferidone. Febarbarnate. Fernoxetine. Fenpentadiol. Fluoxetine. Fluvoxamine. Hematoporphyrin. Hypercinin. Levophacetoperane. Medifoxamine. Minaprine. Moclobemide. Oxaflozane. Piberaline. Prolintane. Pyrisuccideanol. Rubidium Chloride. Sulpiride. Sultopride. Teniloxazine. Thozalinone. Tofenacin. Toloxatone. Tranlycypromine. L-Tryptophan. Viloxazine and Zimeldine.

### 32. Antidiabetics, including:

*Biguanides such as* Buformin. Metformin and Phenformin;

*Hormones such as* Glucagon. Insulin. Insulin Injection. Insulin Zinc Suspension. Isophane Insulin Suspension. Protamine Zinc Insulin Suspension and Zinc Insulin Crystals;

*Sulfonylurea derivatives such as* Acetohexamide. 1-Butyl-3-metanilylurea. Carbutamide. Chlorpropamide. Glibornuride. Gliclazide. Glipizide. Gliquidone. Glisoxepid. Glyburide. Glybuthiazol(e). Glybuzole. Glyhexamide. Glymidine. Glypinamide. Phenbutamide. Tolazamide. Tolbutamide and Tolcyclamide; and

*others such as* Acarbose. Calcium Mesoxalate and Miglitol.

33. **Antidiarrheal drugs such as** Acetyltannic Acid. Albumin Tannate. Alkofanone. Aluminum Salicylates-Basic. Catechin. Difenoxin. Diphenoxylate. Lidamidine. Loperamide. Mebiquine. Trillium and Uzarin.

34. **Antidiuretics such as** Desmopressin. Felypressin. Lypressin. Ornipressin. Oxycinchophen. Pituitary-Posterior. Terlipressin and Vasopressin.

35. Antiestrogens such as Delmadinone Acetate. Ethamoxytriphetol. Tamoxifen and Toremifene.
36. Antifungal drugs (antibiotics), including:  
*Polyenes such as* Amphotericin-B. Candicidin. Dermostatin. Filipin. Fungichromin. Hachimycin. Hamycin. Lucensomycin. Mepartricin. Natamycin. Nystatin. Pecilocin and Perimycin; and  
*others such as* Azaserine. Griseofulvin. Oligomycins. Neomycin Undecylenate. Pyrrolnitrin. Siccanin. Tubercidin and Viridin.
37. Antifungal drugs (synthetic), including:  
*Allylamines such as* Naftifine and Terbinafine;  
*Imidazoles such as* Bifonazole. Butoconazole. Chlordantoin. Chlorimidazole. Cloconazole. Clotrimazole. Econazole. Enilconazole. Fenticonazole. Isoconazole. Ketoconazole. Miconazole. Omoconazole. Oxiconazole Nitrate. Sulconazole and Tioconazole;  
*Triazoles such as* Fluconazole. Itraconazole and Terconazole; and  
*others such as* Acrisorcin. Amorolfine. Biphenamine. Bromosalicylchloranilide. Buclosamide. Calcium Propionate. Chlorphenesin. Ciclopirox. Cloxyquin. Coparaffinate. Diamthazole Dihydrochloride. Exalamide. Flucytosine. Halethazole. Hexetidine. Loflucarban. Nifuratel. Potassium Iodide. Propionic Acid. Pyrithione. Salicylanilide. Sodium Propionate. Sulbentine. Tenonitroazole. Tolciclate. Tolindate. Tolnaftate. Triacetin. Ujotion. Undecylenic Acid and Zinc Propionate.
38. Antiglaucoma drugs such as Acetazolamide. Befunolol. Betaxolol. Bupranolol. Carteolol. Dapiprazole. Dichlorphenamide. Dipivefrin. Epinephrine. Levobunolol. Methazolamide. Metipranolol. Pilocarpine. Pindolol and Timolol.
39. Antigonadotropins such as Danazol. Gestrinone and Paroxypropione.
40. Antigout drugs such as Allopurinol. Carprofen. Colchicine. Probenecid and Sulfapyrazone.
41. Antihistamines, including:  
*Alkylamine derivatives such as* Acrivastine. Bamipine. Brompheniramine. Chlorpheniramine. Dimethindene. Metron S. Pheniramine. Pyrrobutamine. Thenaldine. Tolpropamine and Triprolidine;  
*Aminoalkyl ethers such as* Bietanautine. Bromodiphenhydramine. Carbinoxamine. Clemastine. Diphenylpyraline. Doxylamine. Embramine. Medrylamine. Mephenhydramine. p-Methyldiphenhydramine. Orphenadrine. Phenyltoloxamine. Piprinhydrinate and Setasine;  
*Ethylenediamine derivatives such as* Alloclamide. p-Bromtripelennamine. Chloropyramine. Chlorothien. Histapyrrodine. Methafurylene. Methaphenylene. Methapyrilene. Phenbenzamine. Pyrilamine. Talastine. Thenyldiamine. Thonzylamine Hydrochloride. Tripelennamine and Zolamine;  
*Piperazines such as* Cetirizine. Chlorcyclizine. Cinnarizine. Clocinizine and Hydroxyzine;  
*Tricyclics, including:*  
*Phenothiazines such as* Ahistan. Etymemazine. Hydroxyzine. N-Hydroxyethylpromethazine Chloride. Isopromethazine. Mequitazine. Promethazine. Pyrazithazine and Thiazinamium Methyl Sulfate; and  
*others such as* Azatadine. Clobenzepam. Cyproheptadine. Deptropine. Isothipendyl. Loratadine and Prothipendyl; and  
*other antihistamines such as* Antazoline. Astemizole. Azelastine. Cetoxime. Clemizole. Clobenztropine. Diphenazoline. Diphenhydramine. Mebhydroline. Phenindamine. Terfenadine and Tritoqualine.
42. Antihyperlipoproteinemics, including:  
*Aryloxyalkanoic acid derivatives such as* Beclobrate. Bezafibrate. Binifibrate. Ciprofibrate. Clinofibrate. Clofibrate. Clofibrilic Acid. Etofibrate. Fenofibrate. Gemfibrozil. Nicofibrate. Pirifibrate. Ronifibrate. Simfibrate and Theofibrate;  
*Bile acid sequestrants such as* Cholestyramine Resin. Colestipol and Polidexide;  
*HMG CoA reductase inhibitors such as* Lovastatin. Pravastatin Sodium and Simvastatin;  
*Nicotinic acid derivatives* Aluminum Nicotinate. Acipimox. Niceritol. Nicoclonate. Nicomol and Oxiniac Acid;  
*Thyroid hormones and analogs such as* Etiroxate. Thyropropic Acid and Thyroxine; and  
*others such as* Acifran. Azacosterol. Benfluorex.  $\beta$ -Benzalbutyramide. Carnitine. Chondroitin Sulfate. Clomestron. Detaxtran. Dextran Sulfate Sodium. 5,8,11,14,17-Eicosapentaenoic Acid. Eritadenine. Furazabol. Meglutol. Melinamide. Mytatrienediol. Ornithine.  $\gamma$ -Oryzanol. Pantethine. Pentaerythritol Tetraacetate.  $\alpha$ -Phenylbutyramide. Pirozadil. Probuco.  $\alpha$ -Sitosterol. Sultosilic Acid. Piperazine Salt. Tiadenol. Triparanol and Xenbucin.
43. Antihypertensive drugs, including:

- Arylethanolamine derivatives such as* Amosulalol. Bufuralol. Dilevalol. Labetalol. Pronethalol. Sotalol and Sulfinalol;
- Aryloxypropanolamine derivatives such as* Acebutolol. Alprenolol. Arotinolol. Atenolol. Betaxolol. Bevantolol. Bisoprolol. Bopindolol. Bunitrolol. Bupranolol. Butofilolol. Carazolol. Carteolol. Carvedilol. Celiprolol. Cetamolol. Epanolol. Indenolol. Mepindolol. Metipranolol. Metoprolol. Moprolol. Nadolol. Nipradilol. Oxprenolol. Penbutolol. Pindolol. Propranolol. Talinolol. Tertatolol. Timolol and Toliprolol;
- Benzothiadiazine derivatives such as* Althiazide. Bendroflumethiazide. Benzthiazide. Benzyhydrochlorothiazide. Buthiazide. Chlorothiazide. Chlorthalidone. Cyclopenthiazide. Cyclothiazide. Diazoxide. Epithiazide. Ethiazide. Fenquizone. Hydrochlorothiazide. Hydroflumethiazide. Methyclothiazide. Meticrane. Metolazone. Paraflutizide. Polythiazide. Tetrachlormethiazide and Trichlormethiazide;
- N-Carboxyalkyl (petide/lactam) derivatives such as* Alacepril. Captopril. Cilazapril. Delapril. Enalapril. Enalaprilat. Fosinopril. Lisinopril. Moveltipril. Perindopril. Quinapril and Ramipril;
- Dihydropyridine derivatives such as* Amlodipine. Felodipine. Isradipine. Nicardipine. Nifedipine. Nilvadipine. Nisoldipine and Nitrendipine;
- Guanidine derivatives such as* Bethanidine. Debrisoquin. Guanabenz. Guanacline. Guanadrel. Guanazodine. Guanethidine. Guanfacine. Guanochlor. Guanoxabenz and Guanoxan;
- Hydrazines and phthalazines such as* Budralazine. Cadralazine. Dihydralazine. Endralazine. Hydracarbazine. Hydralazine. Pheniprazine. Pildralazine and Todralazine;
- Imidazole derivatives such as* Clonidine. Lofexidine. Phentolamine. Tiamenidine and Tolonidine;
- Quaternary ammonium compounds* Azamethonium Bromide. Chlorisondamine Chloride. Hexamethonium. Pentacynium Bis(methyl sulfate). Pentamethonium Bromide. Pentolinium Tartate. Phenactopinium Chloride and Trimethidinium Methosulfate;
- Quinazoline derivatives such as* Alfuzosin. Bunazosin. Doxazosin. Prazosin. Terazosin and Trimazosin;
- Reserpine derivatives such as* Bietaserpine. Deserpidine. Rescinnamine. Reserpine and Syrosingopine;
- Sulfonamide derivatives such as* Ambuside. Clopamide. Furosemide. Indapamide. Quinethazone. Tripamide and Xipamide; and
- others such as* Ajmaline.  $\gamma$ -Aminobutyric Acid. Bufeniode. Chlorthalidone. Cicletanine. Ciclosidomine. Cryptenamine Tannates. Fenoldopam. Flosequinan. Indoramin. Ketanserin. Mebutamate. Mecamylamine. Methyl dopa. Methyl 4-Pyridyl Ketone Thiosemicarbarzone. Metolazone. Minoxidil. Muzolimine. Pargyline. Pempidine. Pinacidil. Piperoxan. Primaperone. Protoveratrine. Raubasine. Rescimetol. Rilmenidene. Saralasin. Sodium Nitroprusside. Ticrynafen. Trimethaphan Camsylate. Tyrosinase and Urapidil.
44. *Antihyperthyroids such as* 2-Amino-4-methylthiazole. 2-Aminothiazole. Carbimazole. 3,5-Dibromo-L-tyrosine. 3,5-Diodotyrosine. Hinderin. Iodine. Iothiouracil. Methimazole. Methylthiouracil. Propylthiouracil. Sodium Perchlorate. Thibenzazoline. Thiobarbital and 2-Thiouracil.
45. *Antihypotensive drugs such as* Amezinium Methyl Sulfate. Angiotensin Amide. Dimetofrine. Dopamine. Etifelmin. Etilefrin. Gepefrine. Metaraminol. Midodrine. Norepinephrine. Pholedrine and Synephrine.
46. *Antihypothyroid drugs such as* Levothyroxine Sodium. Liothyronine. Thyroid. Thyroidin. Thyroxine. Tiratricol and TSH.
47. *Anti-Inflammatory (non-steroidal) drugs, including:*
- Aminoarylcarboxylic acid derivatives such as* Enfenamic Acid. Etofenamate. Flufenamic Acid. Isonixin. Meclofenamic Acid. Mefenamic Acid. Niflumic Acid. Talniflumate. Terofenamate and Tolfenamic Acid;
- Arylacetic acid derivatives such as* Acemetacin. Alclofenac. Amfenac. Bufexamac. Cinmetacin. Clopirac. Diclofenac Sodium. Etodolac. Felbinac. Fenclofenac. Fenclorac. Fenclozic Acid. Fentiazac. Glucametacin. Ibufenac. Indomethacin. Isofezolac. Isoxepac. Lonazolac. Metiazinic Acid. Oxametacine. Proglumetacin. Sulindac. Tiaramide. Tolmetin and Zomepirac;
- Arylbutyric acid derivatives such as* Bumadizon. Butibufen. Fenbufen and Xenbucin;
- Arylcarboxylic acid such as* Clidanac. Ketorolac and Tinoridine;
- Arylpropionic acid derivatives such as* Alminoprofen. Benoxaprofen. Bucloxic Acid. Carprofen.

- Fenoprofen. Flunoxaprofen. Flurbiprofen. Ibuprofen. Ibuprofen. Indoprofen. Ketoprofen. Loxoprofen. Mioprofen. Naproxen. Oxaprozin. Piroxicam. Piroxicam. Pirprofen. Pranoprofen. Protizinic Acid. Suprofen and Tiaprofenic Acid;
- Pyrazoles such as* Difenamizole and Epirizole;
- Pyrazolones such as* Apazone. Benzpiperylon. Feprazone. Mofebutazone. Morazone. Oxyphenbutazone. Phenylbutazone. Pipebuzone. Propyphenazone. Ramifenazone. Suxibuzone and Thiazolinobutazone;
- Salicylic acid derivatives such as* Acetaminosalol. Aspirin. Benorylate. Bromosaligenin. Calcium Acetylsalicylate. Diflunisal. Etersalate. Fendosal. Gentisic Acid. Glycol Salicylate. Imidazole Salicylate. Lysine Acetylsalicylate. Mesalamine. Morpholine Salicylate. 1-Naphthyl Salicylate. Olsalazine. Parsalimide. Phenyl Acetylsalicylate. Phenyl Salicylate. Salacetamide. Salicylamine O-Acetic Acid. Salicylsulfuric Acid. Salsalate and Sulfasalazine;
- Thiazinecarboxamides such as* Droxicam. Isoxicam. Piroxicam and Tenoxicam; and
- others such as*  $\epsilon$ -Acetamidocaproic Acid. S-Adenosylmethionine. 3-Amino-4-hydroxybutyric Acid. Amixetrine. Bendazac. Benzydamine. Bucolome. Difenpiramide. Ditazol. Emorfazone. Guaiazulene. Nabumetone. Nimesulide. Orgotein. Oxaceprol. Paranyline. Perisoxal. Pifoxime. Proquazone. Proxazole and Tenidap.
48. **Antimalarial drugs such as** Acedapsone. Amodiaquin. Arteether. Artemether. Artemisinin. Artesunate. Bebeerine. Berberine. Chirata. Chlorguanide. Chloroquine. Chlorproguanil. Cinchona. Cinchonidine. Cinchonine. Cycloguanil. Gentiopicrocin. Halofantrine. Hydroxychloroquine. Mefloquine Hydrochloride. 3-Methylarsacetin. Pamaquine. Plasmocid. Primaquine. Pyrimethamine. Quinacrine. Quinine. Quinine Bisulfate. Quinine Carbonate. Quinine Dihydrobromide. Quinine Dihydrochloride. Quinine Ethylcarbonate. Quinine Formate. Quinine Gluconate. Quinine Hydriodide. Quinine Hydrochloride. Quinine Salicylate. Quinine Sulfate. Quinine Tannate. Quinine Urea Hydrochloride. Quinocide. Quinoline and Sodium Arsenate Dibasic.
49. **Antimigraine drugs such as** Alpiropride. Dihydroergotamine. Ergocornine. Ergocorninine. Ergocryptine. Ergot. Ergotamine. Flumetazone acetate. Fonazine. Lisuride. Methysergid(e). Oxetorone. Pizotyline and Sumatriptan.
50. **Antinauseant drugs such as** Acetylcholine Monoethanolamine. Alizapride. Benzquinamide. Bietanautine. Bromopride. Buclizine. Chlorpromazine. Clebopride. Cyclizine. Dimenhydrinate. Diphenidol. Domperidone. Granisetron. Meclizine. Methallatal. Metoclopramide. Metopimazine. Nabilone. Ondansetron. Oxypendyl. Pipamazine. Piprinhydrinate. Prochlorperazine. Scopolamine. Tetrahydrocannabinols. Thiethylperazine. Thioproperazine and Trimethobenzamide.
51. **Antineoplastic drugs, including:**
- Alkylating agents, including:*
- Alkyl sulfonates such as* Busulfan. Improsulfan and Pipsulfan;
- Aziridines such as* Benzodepa. Carboquone. Meturedopa and Uredopa;
- Ethylenimines and methylmelamines such as* Altretamine. Triethylenemelamine. Triethylenephosphoramide. Triethylenethiophosphoramide and Trimethylolmelamine;
- Nitrogen mustards such as* Chlorambucil. Chlorambucil. Cyclophosphamide. Estramustine. Ifosfamide. Mechlorethamine. Mechlorethamine Oxide Hydrochloride. Melphalan. Novembichin. Phenesterine. Prednimustine. Trofosfamide and Uracil Mustard;
- Nitrosoureas such as* Carmustine. Chlorozotocin. Fotemustine. Lomustine. Nimustine and Ranimustine; and
- others such as* Dacarbazine. Mannomustine. Mitobronitol. Mitolactol and Pipobroman;
- Antibiotics such as* Aclacinomycins. Actinomycin F<sub>1</sub>. Anthramycin. Azaserine. Bleomycins. Cactinomycin. Carubicin. Carzinophilin. Chromomycins. Dactinomycin. Daunorubicin. 6-Diazo-5-oxo-L-norleucine. Doxorubicin. Epirubicin. Mitomycins. Mycophenolic Acid. Nogalamycin. Olivomycins. Peplomycin. Plicamycin. Porfiromycin. Puromycin. Streptonigrin. Streptozocin. Tubercidin. Ubenimex. Zinostatin and Zorubicin;
- Antimetabolites, including:*
- Folic acid analogs such as* Denopterin. Methotrexate. Pteropterin and Trimetrexate;
- Purine analogs such as* Fludarabine. 6-Mercaptopurine. Thiamiprine and Thioguanine; and
- Pyrimidine analogs such as* Ancitabine. Azacitidine. 6-Azauridine. Carmofur. Cytarabine. Doxifluridine. Enocitabine. Floxuridine. Fluorouracil and Tegafur;
- Enzymes such as* L-Asparaginase; and
- others such as* Aceglatone. Amsacrine. Bestabucil. Bisantrene. Carboplatin. Cisplatin.

Defosfamide. Demecolcine. Diaziquone. Eflornithine. Elliptinium Acetate. Etoglucid. Etoposide. Gallium Nitrate. Hydroxyurea. Interferon- $\alpha$ . Interferon- $\beta$ . Interferon- $\gamma$ . Interleukin-2. Lentinan. Lonidamine. Mitoguazone. Mitoxantrone. Mopidamol. Nitracrine. Pentostatin. Phenamet. Pirarubicin. Podophyllinic Acid. 2-Ethylhydrazide. Procarbazine. PSK®. Razoxane. Sizofiran. Spirogermanium. Taxol. Teniposide. Tenuazonic Acid. Triaziquone. 2,2',2''-Trichlorotriethylamine. Urethan. Vinblastine. Vincristine and Vindesine.

**52. Antineoplastic (hormonal) drugs, including:**

*Androgens such as* Calusterone. Dromostanolone Propionate. Epiteostanol. Mepitiostane and Testolactone;

*Antiadrenals such as* Aminoglutethimide. Mitotane and Trilostane;

*Antiandrogens such as* Flutamide and Nilutamide; and

*Antiestrogens such as* Tamoxifen and Toremifene.

**53. Antineoplastic adjuncts including folic acid replenishers such as** Folinic Acid.

**54. Antiparkinsonian drugs such as** Amantadine. Benserazide. Bietanautine. Biperiden. Bromocriptine. Budipine. Carbidopa. Deprenyl. Dextimide. Diethazine. Droxidopa. Ethopropazine. Ethylbenzhydramine. Levodopa. Naxagolide. Pergolide. Piroheptine. Pridinol. Prodipine. Terguride Tigloidine and Trihexyphenidyl Hydrochloride.

**55. Antipheochromocytoma drugs such as** Metyrosine. Phenoxymethylamine and Phentolamine.

**56. Antipneumocystis drugs such as** Eflornithine. Pentamidine and Sulfamethoxazole.

**57. Antiprosthetic hypertrophy drugs such as** Gestonorone Caproate. Mepartricin. Oxendolone and Proscar®.

**58. Antiprotozoal drugs (Leshmania) such as** Antimony Sodium Gluconate. Ethylstibamine. Hydroxystilbamidine. N-Methylglucamine. Pentamidine. Stilbamidine and Urea Stibamine.

**59. Antiprotozoal drugs (Trichomonas) such as** Acetarsonic. Aminotroazole. Anisomycin. Azanidazole. Forminitrazole. Furazolidone. Hachimycin. Lauroguadine. Mepartricin. Metronidazole. Nifuratel. Nifuroxime. Nimorazole. Secnidazole. Silver Picrate. Tenonitroazole and Tinidazole.

**60. Antiprotozoal drugs (Trypanosoma) such as** Benznidazole. Eflornithine. Melarsoprol. Nifurtimox. Oxophenarsine. Hydrochloride. Pentamidine. Propamidine. Puromycin. Quinapyramine. Stilbamidine. Suramin Sodium. Trypan Red and Tryparsamide.

**61. Antipuritics such as** Camphor. Cyproheptadine. Dichlorisone. Glycine. Halometasone. 3-Hydroxycamphor. Menthol. Mesulphen. Methdilazine. Phenol. Polidocanol. Risocaine. Spirit of Camphor. Thenaldine. Tolpropamine and Trimeprazine.

**62. Antipsoriatic drugs such as** Acitretin. Ammonium Salicylate. Anthralin. 6-Azauridine. Bergapten(e). Chrysarobin. Etretnate and Pyrogallol.

**63. Antipsychotic drugs, including:**

*Butyrophenones such as* Benperidol. Bromperidol. Droperidol. Fluanisone. Haloperidol. Melperone. Moperone. Pipamperone. Spiperone. Timiperone and Trifluoperidol;

*Phenothiazines such as* Acetophenazine. Butaperazine. Carphenazine. Chlorprothazine. Chlorpromazine. Clospirazine. Cyamemazine. Dixyrazine. Fluphenazine. Imiclopazine. Mepazine. Mesoridazine. Methoxypromazine. Metofenazate. Oxaflumazine. Perazine. Pericyazine. Perimethazine. Perphenazine. Piperacetazine. Pipotiazine. Prochlorperazine. Promazine. Sulfuridazine. Thiopropazate. Thioridazine. Trifluoperazine and Trifluopromazine;

*Thioxanthenes such as* Chlorprothixene. Clopenthixol. Flupenthixol and Thiothixene;

*other tricyclics such as* Benzquinamide. Carpipramine. Clozapramine. Clomacran. Clothiapine. Clozapine. Opipramol. Prothipendyl. Tetrabenazine and Zotepine; and

*others such as* Alizapride. Amisulpride. Buramate. Fluspirilene. Molindone. Penfluridol. Pimozide. Spirilene and Sulpiride.

**64. Antipyretics such as** Acetaminophen. Acetaminosalol. Acetanilide. Aconine. Aconite. Aconitine. Alclofenac. Aluminum Bis(acetylsalicylate). Aminochlorthenoxazin. Aminopyrine. Aspirin. Benorylate. Benzydamine. Berberine. p-Bromoacetanilide. Bufexamac. Bumadizon. Calcium Acetylsalicylate. Chlorthenoxazin(e). Choline Salicylate. Clidanac. Dihydroxyaluminum Acetylsalicylate. Dipyrrocetyl. Dipyrone. Epirizole. Etersalate. Imidazole Salicylate. Indomethacin. Isofezolac. p-Lactophenetide. Lysine Acetylsalicylate. Magnesium Acetylsalicylate. Meclofenamic Acid. Morazone. Morpholine Salicylate. Naproxen. Nifenazone. 5'-Nitro-2'-propoxyacetanilide. Propoxyacetanilide. Phenacetin. Phenicarbazide. Phenocoll. Phenopyrazone. Phenyl Acetylsalicylate. Phenyl Salicylate. Pipebuzone. Propacetamol. Propyphenazone. Ramifenazone. Salacetamide. Salicylamide O-Acetic Acid.

- Sodium Salicylate. Sulfamipyrine. Tetrandrine and Tinoridine.
65. Antirickettsial drugs such as p-Aminobenzoic Acid. Chloramphenicol. Chloramphenicol Palmitate. Chloramphenicol Pantothenate and Tetracycline.
66. Antiseborrheic drugs such as Chloroxine. 3-O-Lauroylpyridoxol Diacetate. Piroctone. Pyrithione. Resorcinol. Selenium Sulfides and Tioxolone.
67. Antiseptics, including:  
*Guanidines such as* Alexidine. Ambazone. Chlorhexidine and Picloxydine;  
*Halogens and halogen compounds such as* Bismuth Iodide Oxide. Bismuth Iodosubgallate. Bismuth Tribromophenate. Bornyl Chloride. Calcium Iodate. Chlorinated Lime. Cloflucarban. Fluorosalan. Iodic Acid. Iodine. Iodine Monochloride. Iodine Trichloride. Iodoform. Methenamine Tetraiodine. Oxychlorosene. Povidone-Iodine. Sodium Hypochlorite. Sodium Iodate. Symclosene. Thymol Iodide. Triclocarban. Triclosan and Troclosene Potassium;  
*Mercurial compounds such as* Hydrargaphen. Meralein Sodium. Merbromin. Mercuric Chloride. Mercuric Chloride Ammoniated. Mercuric Sodium p-Phenolsulfonate. Mercuric Succinimide. Mercuric Sulfide Red. Mercurophen. Mercurous Acetate. Mercurous Chloride. Mercurous Iodide. Nitromersol. Potassium Tetraiodomercurate(II). Potassium Triiodomercurate(II) Solution. Thimerfonate Sodium and Thimerosal;  
*Nitrofurans such as* Furazolidone. 2-(Methoxymethyl)-5-nitrofurane. Nidroxyzone. Nifuroxime. Nifurzide and Nitrofurazone;  
*Phenols such as* Acetomerocetol. Bithionol. Cadmium Salicylate. Carvacrol. Chloroxylenol. Chlorophene. Creosote. Cresol(s). p-Cresol. Fenticlor. Hexachlorophene. 1-Naphthyl Salicylate. 2-Naphthyl Salicylate. 2,4,6-Tribromo-m-cresol and 3',4',5'-Trichlorosalicylanilide;  
*Quinolines such as* Aminoquinuride. Benzoxiquine. Broxyquinoline. Chloroxine. Chlorquinaldol. Cloxyquin. Ethylhydrocupreine. Euprocine. Halquinol. Hydrastine. 8-Hydroxyquinoline. 8-Hydroxyquinoline Sulfate and Iodochlorhydroxyquin; and  
*others such as* Aluminum Acetate Solution. Aluminum Subacetate Solution. Aluminum Sulfate. 3-Amino-4-hydroxybutyric Acid. Boric Acid. Chlorhexidine. Chlorazodin. m-Cresyl Acetate. Cupric Sulfate. Dibromopropamidine. Ichthammol. Negatol®. Noxytiolin. Ornidazole.  $\beta$ -Propiolactone.  $\alpha$ -Terpineol.
68. Antispasmodic drugs such as Alibendol. Ambucetamide. Aminopromazine. Apotropeine. Bevonium Methyl Sulfate. Bietamiverine. Butaverine. Butropium Bromide. N-Butylscopolammonium Bromide. Caroverine. Cimetropium Bromide. Cinnamedrine. Clebopride. Coniine Hydrobromide. Coniine Hydrochloride. Cyclonium Iodide. Difemerine. Diisopromine. Dioxaphetyl Butyrate. Diponium Bromide. Drofenine. Emepronium Bromide. Ethaverine. Feclamine. Fenalamin. Fenoverine. Fenpiprane. Fenpiverinium Bromide. Fentonium Bromide. Flavoxate. Flopropione. Gluconic Acid. Guaiactamine. Hydramitrazine. Hymecromone. Leiopyrrole. Mebeverine. Moxaverine. Nafiverine. Octamylamine. Octaverine. Pentapiperide. Phenamacide Hydrochloride. Phloroglucinol. Pinaverium Bromide. Piperilate. Pipoxolan Hydrochloride. Pramiverin. Prifinium Bromide. Properidine. Propivane. Propyromazine. Prozapine. Racefemine. Rociverine. Spasmolytol. Stilonium Iodide. Sultroponium. Tiemonium Iodide. Tiquizium Bromide. Tiopropramide. Trepibutone. Tricromyl. Trifolium. Trimebutine. N,N-1-Trimethyl-3,3-diphenyl-propylamine. Tropenzile. Trospium Chloride and Xenytropium Bromide.
69. Antithrombotic drugs such as Anagrelide. Argatroban. Cilostazol. Daltroban. Defibrotide. Enoxaparin. Fraxiparine®. Indobufen. Lamoparan. Ozagrel. Picotamide. Plafibride. Tedelparin. Ticlopidine and Triflusal.
70. Antitussive drugs such as Alcloclamide. Amicibone. Benproperine. Benzonatate. Bibenzonium Bromide. Bromoform. Butamirate. Butethamate. Caramiphen Ethanedisulfonate. Carbetapentane. Chlophedianol. Clobutinol. Cloperastine. Codeine. Codeine Methyl Bromide. Codeine N-Oxide. Codeine Phosphate. Codeine Sulfate. Cyclexanone. Dextromethorphan. Dibunate Sodium. Dihydrocodeine. Dihydrocodeinone Enol Acetate. Dimemorfan. Dimethoxanate.  $\alpha,\alpha$ -Diphenyl-2-piperidinepropanol. Dropropizine. Drotebanol. Eprazinone. Ethyl Dibunate. Ethylmorphine. Fominoben. Guaipate. Hydrocodone. Isoaminile. Levopropoxyphene. Morclofene. Narceine. Normethadone. Noscapine. Oxeladin. Oxolamine. Pholcodine. Picoperine. Pipazethate. Piperidione. Prenoxdiazine Hydrochloride. Racemethorphan. Taziprinone Hydrochloride. Tipepidine and Zipeprol.
71. Antiulcerative drugs such as Aceglutamide Aluminum Complex.  $\epsilon$ -Acetamidocaproic Acid

32

Zinc Salt, Acetoxolone, Arbaprostil, Benexate Hydrochloride, Bismuth Subcitrate Sol (Dried), Carbenoxolone, Cetraxate, Cimetidine, Enprostil, Esaprazole, Famotidine, Ftaxilide, Gefarnate, Guaiazulene, Irsogladine, Misoprostol, Nizatidine, Omeprazole, Ornoprostil,  $\gamma$ -Oryzanol, Pifarnine, Pirenzepine, Plaunotol, Ranitidine, Rioprostil, Rosaprostol, Rotraxate, Roxatidine Acetate, Sofalcone, Spizofurone, Sucralfate, Teprenone, Trimoprostil, Trithiozine, Troxipide and Zolimidine.

72. **Antiurolithic drugs such as** Acetohydroxamic Acid, Allopurinol, Potassium Citrate and Succinimide.

73. **Antivenin drugs such as** Lyovac® Antivenin.

74. **Antiviral drugs, including:**

*Purines and pyrimidinones such as* Acyclovir, Cytarabine, Dideoxyadenosine, Dideoxycytidine, Dideoxyinosine, Edoxudine, Floxuridine, Ganciclovir, Idoxuridine, Inosine Pranobex, MADU, Trifluridine, Vidarabine and Zidovudine; and

*others such as* Acetyl-leucine Monoethanolamine, Amantadine, Amidinomycin, Cuminaldehyde Thiosemicarbazone, Foscarnet Sodium, Interferon- $\alpha$ , Interferon- $\beta$ , Interferon- $\gamma$ , Kethoxal, Lysozyme, Methisazone, Moroxydine, Podophyllotoxin, Ribavirin, Rimantadine, Stallimycin, Statolon, Tromantadine and Xenazoic Acid.

75. **Anxiolytic drugs, including:**

*Arylpiperazines such as* Buspirone, Gepirone and Ipsapirone;

*Benzodiazepine derivatives such as* Alprazolam, Bromazepam, Camazepam, Chlordiazepoxide, Clobazam, Clorazepate, Clotiazepam, Cloxazolam, Diazepam, Ethyl Loflazepate, Etizolam, Fludiazepam, Flutazolam, Flutoprazepam, Halazepam, Ketazolam, Lorazepam, Loxapine, Medazepam, Metaclozepam, Mexazolam, Nordazepam, Oxazepam, Oxazolam, Pinazepam, Prazepam and Tofisopam;

*Carbamates such as* Cyclobamate, Emylcamate, Hydroxyphenamate, Meprobamate, Phenprobamate and Tybamate; and

*others such as* Alpidem, Benzocetamine, Captodiamine, Chlormezanone, Etifoxine, Fluoresone, Glutamic Acid, Hydroxyzine, Mecloralurea, Mephenoaloxone, Oxanamide, Phenaglycodol, Suriclone.

76. **Benzodiazepine antagonists such as** Flumazenil.

77. **Bronchodilators, including:**

*Ephedrine derivatives such as* Albuterol, Bambuterol, Bitolterol, Carbuterol, Clenbuterol, Clorprenaline, Dioxethedrine, Ephedrine, Epinephrine, Eprozinol, Etafedrine, Ethylnorepinephrine, Fenoterol, Hexoprenaline, Isoetharine, Isoproterenol, Mabuterol, Metaproterenol, N-Methylephedrine, Pirbuterol, Procaterol, Protokylol, Reproterol, Rimiterol, Soterol, Terbuterol and Tulobuterol;

*Quaternary ammonium compounds such as* Bevonium Methyl Sulfate, Flutropium Bromide, Ipratropium Bromide and Oxitropium Bromide;

*Xanthine derivatives such as* Acefylline, Acefylline Piperazine, Ambuphylline, Aminophylline, Bamifylline, Choline Theophyllinate, Doxofylline, Dyphylline, Enprofylline, Etamiphyllin, Etofylline, Guaithylline, Proxyphylline, Theobromine, 1-Theobromineacetic Acid and Theophylline; and

*others such as* Fenspiride, Medibazine, Methoxyphenanime and Tretoquinol.

78. **Calcium channel blockers, including:**

*Arylalkylamines such as* Bepridil, Diltiazem, Fendiline, Gallopanil, Prenylamine, Terodiline and Verapamil;

*Dihydropyridine derivatives such as* Felodipine, Isradipine, Nicardipine, Nifedipine, Nilvadipine, Nimodipine, Nisoldipine and Nitrendipine;

*Piperazine derivatives such as* Cinnarizine, Flunarizine and Lidoflazine; and

*others such as* Bencyclane, Etafenone and Perhexiline.

79. **Calcium regulators such as** Calcifediol, Calcitonin, Calcitriol, Clodronic Acid, Dihydrotachysterol, Elcatonin, Etidronic Acid, Ipriflavone, Pamidronic Acid, Parathyroid Hormone and Teriparatide Acetate.

80. **Cardiotonics such as** Acefylline, Acetyldigitoxins, 2-Amino-4-picoline, Amrinone, Benfurodil Hemisuccinate, Bucladesine, Cerberoside, Camphotamide, Convallatoxin, Cymarin, Denopamine, Deslanoside, Digitalin, Digitalis, Digitoxin, Digoxin, Dobutamine, Dopamine, Dopexamine, Enoximone, Erythrophleine, Fenalcomine, Gitalin, Gitoxin, Glycocyamine, Heptaminol, Hydrastinine, Ibopamine, Lanatosides, Metamivam, Milrinone, Neriifolin, Oleandrin, Ouabain, Oxyfedrine, Prenalterol, Proscillaridin, Resibufogenin.

- Scillaren. Scillarenin. Strophanthin. Sulmazole. Theobromine and Xamoterol.
81. **Chelating agents such as** Deferoxamine. Ditiocarb Sodium. Edetate Calcium Disodium. Edetate Disodium. Edetate Sodium. Edetate Trisodium. Penicillamine. Pentetate Calcium Trisodium. Pentetic Acid. Succimer and Trientine.
  82. **Cholecystokinin antagonists such as** Proglumide.
  83. **Cholelitholytic agents such as** Chenodiol. Methyl tert-Butyl Ether. Monoctanoic and Ursodiol.
  84. **Choleretics such as** Alibendol. Anethole Trithion. Azintamide. Cholic Acid. Cicrotoic Acid. Clanobutin. Cyclobutyrol. Cyclovalone. Cynarin(e). Dehydrocholic Acid. Deoxycholic Acid. Dimecrotic Acid.  $\alpha$ -Ethylbenzyl Alcohol. Exiproben. Feguprol. Fencibutirol. Fenipentol. Florantyrone. Hymecromone. Menbutone. 3-(o-Methoxyphenyl)-2-phenylacrylic Acid. Metochalcone. Moquizone. Osalmid. Ox Bile Extract. 4,4'-Oxydi-2-butanol. Piprozolin. Prozapine. 4-Salicyloylmorpholine. Sincalide. Taurocholic Acid. Timonacic. Tocamphyl. Trepibutone and Vanitilide.
  85. **Cholinergic agents such as** Aceclidine. Acetylcholine Bromide. Acetylcholine Chloride. Aclatonium Napadisilate. Benzpyrinium Bromide. Bethanechol Chloride. Carbachol. Carpronium Chloride. Demecarium Bromide. Dexpanthenol. Diisopropyl Paraaxon. Echothiophate Iodide. Edrophonium Chloride. Eseridine. Furtrethonium. Isoflurophate. Methacholine Chloride. Muscarine. Neostigmine. Oxapropanium Iodide. Physostigmine and Pyridostigmine Bromide.
  86. **Cholinesterase inhibitors such as** Ambenonium Chloride. Distigmine Bromide and Galanthamine.
  87. **Cholinesterase reactivators such as** Obidoxime Chloride and Pralidoxime Chloride.
  88. **Central nervous system stimulants and agents such as** Amineptine. Amphetamine. Amphetaminil. Bemegride. Benzphetamine. Brucine. Caffeine. Chlorphentermine. Clofenciclan. Clortermine. Coca. Demanyl Phosphate. Dexoxadrol. Dextroamphetamine Sulfate. Diethylpropion. N-Ethylamphetamine. Ethamivan. Etifelmin. Etryptamine. Fencamfamine. Fenethylline. Fenozolone. Flurothyl. Hexacyclonate Sodium. Homocamfin. Mazindol. Mefexamide. Methamphetamine. Methylphenidate. Nikethamide. Pemoline. Pentylenetetrazole. Phendimetrazine. Phenmetrazine. Phentermine. Picrotoxin. Pipradrol. Prolintane and Pyrovalerone.
  89. **Decongestants such as** Amidephrine. Cafaminol. Cyclopentamine. Ephedrine. Epinephrine. Fenoxazoline. Indanazoline. Metizoline. Naphazoline. Nordefrin Hydrochloride. Octodrine. Oxymetazoline. Phenylephrine Hydrochloride. Phenylpropanolamine Hydrochloride. Phenylpropylmethylamine. Propylhexedrine. Pseudoephedrine. Tetrahydrozoline. Tymazoline and Xylometazoline.
  90. **Dental caries prophylaxis such as** Sodium Fluoride.
  91. **Depigmentors such as** Hydroquinine. Hydroquinone and Monobenzene.
  92. **Diuretics, including:**
    - Organomercurials such as* Chlormerodrin. Meralluride. Mercamphamide. Mercaptomerin Sodium. Mercumallylic Acid. Mercumatilin Sodium. Mercurous Chloride and Mersaly;
    - Pteridines such as* Furterene and Triamterene;
    - Purines such as* Acefylline. 7-Morpholinomethyltheophylline. Pamabrom. Protheobromine and Theobromine;
    - Steroids such as* Canrenone. Oleandrin and Spironolactone;
    - Sulfonamide derivatives such as* Acetazolamide. Ambuside. Azosemide. Bumetanide. Butazolamide. Chloraminophenamide. Clofenamide. Clopamide. Clorexolone. Diphenylmethane-4,4'-disulfonamide. Disulfamide. Ethoxzolamide. Furosemide. Indapamide. Mefruside. Methazolamide. Piretanide. Quinethazone. Torasemide. Tripamide and Xipamide;
    - Uracils such as* Aminometradine and Amisometradine;
    - others such as* Amanozine. Amiloride. Arbutin. Chlorazani. Ethacrynic Acid. Etozolin. Hydracarbazine. Isosorbide. Mannitol. Metochalcone. Muzolimine. Perhexiline. Ticrynafen and Urea.
  93. **Dopamine receptor agonists such as** Bromocriptine. Dopexamine. Fenoldopam. Ibopamine. Lisuride. Naxagolide and Pergolide.
  94. **Ectoparasiticides such as** Amitraz. Benzyl Benzoate. Carbaryl. Crotamiton. DDT. Dixanthogen. Isobornyl Thiocyanacetate-Technical. Lime Sulfurated Solution. Lindane. Malathion. Mercuric Oleate. Mesulphen and Sulphur-Pharmaceutical.
  95. **Enzymes, including:**

339

- Digestive enzymes such as*  $\alpha$ -Amylase (Swine Pancreas). Lipase. Pancrelipase. Pepsin and Rennin;  
*Mucolytic enzymes such as* Lysozyme;  
*Penicillin inactivating enzymes such as* Penicillinase; and  
*Proteolytic enzymes such as* Collagenase. Chymopapain. Chymotrypsins. Papain and Trypsin.
96. *Enzyme inducers (hepatic) such as* Flumecinol.
97. *Estrogens, including:*  
*Nonsteroidal estrogens such as* Benzestrol. Broparoestrol. Chlorotrianisene. Dienestrol. Diethylstilbestrol. Diethylstilbestrol Dipropionate. Dimestrol. Fosfestrol. Hexestrol. Methallenestrol and Methestrol; and  
*Steroidal estrogens such as* Colpormon. Conjugated Estrogenic Hormones. Equilenin. Equilin. Estradiol. Estradiol Benzoate. Estradiol 17 $\beta$ -Cypionate. Estriol. Estrone. Ethinyl Estradiol. Mestranol. Moxestrol. Mytatrienediol. Quinestradiol and Quinestrol.
98. *Gastric secretion inhibitors such as* Enterogastrone and Octreotide.
99. *Glucocorticoids such as* 21-Acetoxypregnenolone. Alclometasone. Algestone. Amcinonide. Beclomethasone. Betamethasone. Budesonide. Chloroprednisone. Clobetasol. Clobetasone. Clacortolone. Cloprednol. Corticosterone. Cortisone. Cortivazol. Deflazacort. Desonide. Desoximetasone. Dexamethasone. Diflorasone. Diflucortolone. Difluprednate. Enoxolone. Fluazacort. Flucoronide. Flumethasone. Flunisolide. Fluocinolone Acetonide. Fluocinonide. Fluocortin Butyl. Fluocortolone. Fluorometholone. Fluperolone Acetate. Fluprednidene Acetate. Fluprednisolone. Flurandrenolide. Formocortal. Halcinonide. Halometasone. Halopredone Acetate. Hydrocortamate. Hydrocortisone. Hydrocortisone Acetate. Hydrocortisone Phosphate. Hydrocortisone 21-Sodium Succinate. Hydrocortisone Tebutate. Mazipredone. Medrysone. Meprednisone. Methylprednisolone. Mometasone Furoate. Paramethasone. Prednicarbate. Prednisolone. Prednisolone 21-Diethylaminoacetate. Prednisone Sodium Phosphate. Prednisolone Sodium Succinate. Prednisolone Sodium 21-m-Sulfobenzoate. Prednisolone 21-Stearoylglycolate. Prednisolone Tebutate. Prednisolone 21-Trimethylacetate. Prednisone. Prednival. Prednylidene. Prednylidene 21-Diethylaminoacetate. Tixocortal. Triamcinolone. Triamcinolone Acetonide. Triamcinolone Benetonide and Triamcinolone Hexacetonide.
100. *Gonad-Stimulating principles such as* Buserelin. Clomiphene. Cyclofenil. Epimestrol. FSH. HCG and LH-RH.
101. *Gonadotropic hormones such as* LH and PMSG.
102. *Growth hormone inhibitors such as* Octreotide and Somatostatin.
103. *Growth hormone releasing factors such as* Semorelin.
104. *Growth stimulants such as* Somatotropin.
105. *Hemolytic agents such as* Phenylhydrazine and Phenylhydrazine Hydrochloride.
106. *Heparin antagonists such as* Hexadimethrine Bromide and Protamines.
107. *Hepatoprotectants such as* S-Adenosylmethionine. Betaine. Catechin. Citilone. Malotilate. Orazamide. Phosphorylcholine. Protoporphyrin IX. Silymarin-Group. Thiocctic Acid and Tiopronin.
108. *Immunomodulators such as* Amiprilose. Bucillamine. Ditiocarb Sodium. Inosine Pranobex. Interferon- $\gamma$ . Interleukin-2. Lentinan. Muroctasin. Platonin. Procodazole. Tetramisole. Thymomodulin. Thymopentin and Ubenimex.
109. *Immunosuppressants such as* Azathioprine. Cyclosporins and Mizoribine.
110. *Ion exchange resins such as* Carbacrylic Resins. Cholestyramine Resin. Colestipol. Polidexide. Resodex and Sodium Polystyrene Sulfonate.
111. *Lactation stimulating hormone such as* Prolactin.
112. *LH-RH agonists such as* Buserelin. Goserelin. Leuprolide. Nafarelin and Triptorelin.
113. *Lipotropic agents such as* N-Acetylmethionine. Choline Chloride. Choline Dehydrocholate. Choline Dihydrogen Citrate. Inositol. Lecithin and Methionine.
114. *Lupus erythematosus suppressants such as* Bismuth Sodium Triglycollamate. Bismuth Subsalcylate. Chloroquine and Hydroxychloroquine.
115. *Mineralcorticoids such as* Aldosterone. Deoxycorticosterone. Deoxycorticosterone Acetate and Fludrocortisone.
116. *Miotic drugs such as* Carbachol. Physostigmine. Pilocarpine and Pilocarpus.
117. *Monoamine oxidase inhibitors such as* Deprenyl. Iproclozide. Iproniazid. Isocarboxazid. Moclobemide. Octamoxin. Pargyline. Phenelzine. Phenoxypropazine. Pivalylbenzhydrazine.

- Prodipine. Toloxatone and Tranlycypromine.
118. **Mucolytic agents** such as Acetylcysteine. Bromhexine. Carbocysteine. Domiodol. Letosteine. Lysozyme. Mucysteine Hydrochloride. Mesna. Sobrerol. Stepronin. Tiopronin and Tyloxapol.
  119. **Muscl relaxants (skeletal)** such as Afloqualone. Alcuronium. Atracurium Besylate. Baclofen. Benzocetamine. Benzoquinonium Chloride. C-Calebassine. Carisoprodol. Chlormezanone. Chlorphenesin Carbamate. Chlorproethazine. Chlorzoxazone. Curare. Cyclobarbitate. Cyclobenzaprine. Dantrolene. Decamethonium Bromide. Diazepam. Eperisone. Fazadinium Bromide. Flumetramide. Gallamine Triethiodide. Hexacarbacholine Bromide. Hexafluorenum Bromide. Idrocilamide. Laudexium Methyl Sulfate. Leptodactylone. Memantine. Mephenesin. Mephenoxalone. Metaxalone. Methocarbamol. Metocurine Iodide. Nimetazepam. Orphenadrine. Pancuronium Bromide. Phenprobamate. Phenyramidol. Pipecurium Bromide. Promoxolane. Quinine Sulfate. Styramate. Succinylcholine Bromide. Succinylcholine Chloride. Succinylcholine Iodine. Suxethonium Bromide. Tetrazepam. Thiocolchicoside. Tizanidine. Tolperisone. Tubocurarine Chloride. Vecuronium Bromide and Zoxazolamine.
  120. **Narcotic antagonists** such as Amiphenazole. Cyclazocine. Levallorphan. Nadide. Nalmefene. Nalorphine. Nalorphine Dinicotinate. Naloxone and Naltrexone.
  121. **Neuroprotective agents** such as Dizocilpine.
  122. **Nootropic agents** such as Aceglutamide. Acetylcarnitine. Aniracetam. Bifemelane. Exifone. Fipexide. Idebenone. Indeloxazine Hydrochloride. Nizofenone. Oxiracetam. Piracetam. Propentofylline. Pyritinol and Tacrine.
  123. **Ophthalmic agents** such as 15-ketoprostaglandins.
  124. **Ovarian hormone** such as Relaxin.
  125. **Oxytocic drugs** such as Carboprost. Cargutocin. Deaminoxytocin. Ergonovine. Gemeprost. Methylegonovine. Oxytocin. Pituitary (Posterior). Prostaglandin E<sub>2</sub>. Prostaglandin F<sub>2</sub>α and Sparteine.
  126. **Pepsin inhibitors** such as Sodium Amylosulfate.
  127. **Peristaltic stimulants** such as Cisapride.
  128. **Progestogens** such as Allylestrenol. Anagestone. Chlormadinone Acetate. Delmadinone Acetate. Demegestone. Desogestrel. Dimethisterone. Dydrogesterone. Ethisterone. Ethynodiol. Flurogesterone Acetate. Gestodene. Gestonorone Caproate. Haloprogesterone. 17-Hydroxy-16-methylene-progesterone. 17α-Hydroxyprogesterone. 17α-Hydroxyprogesterone Caproate. Lynestrenol. Medrogestone. Medroxyprogesterone. Megestrol Acetate. Melengestrol. Norethindrone. Norethynodrel. Norgesterone. Norgestimate. Norgestrel. Norgestrienone. Norvinisterone. Pentagestrone. Progesterone. Promegestone. Quingestron and Trengestone.
  129. **Prolactin inhibitors** such as Metergoline.
  130. **Prostaglandins and prostaglandin analogs** such as Arbaprostil. Carboprost. Enprostil. Gemeprost. Limaprost. Misoprostol. Ornoprostil. Prostacyclin. Prostaglandin E<sub>1</sub>. Prostaglandin E<sub>2</sub>. Prostaglandin F<sub>2</sub>α. Rioprostil. Rosaprostol. Sulprostone and Trimoprostil.
  131. **Protease inhibitors** such as Aprotinin. Camostat. Gabexate and Nafamostat.
  132. **Respiratory stimulants** such as Almitrine. Bemegride. Carbon Dioxide. Cropropamide. Crotethamide. Dimeflin. Dimorpholamine. Doxapram. Ethamivam. Fominoben. Lobeline. Mepixanox. Metamivam. Nikethamide. Picrotoxin. Pimeclone. Pyridofylline. Sodium Succinate and Tacrine.
  133. **Sclerosing agents** such as Ethanolamine. Ethylamine. 2-Hexyldecanoic Acid. Polidocanol. Quinine Bisulfate. Quinine Urea Hydrochloride. Sodium Ricinoleate. Sodium Tetradecyl Sulfate and Tribenoside.
  134. **Sedatives and hypnotics, including:**
    - Acyclic ureides* such as Acecarbromal. Apronalide. Bomisovalum. Capuride. Carbromal and Ectylurea;
    - Alcohols* such as Chlorhexadol. Ethchlorvynol. Meparfynol. 4-Methyl-5-thiazoleethanol. tert-Pentyl Alcohol and 2,2,2-Trichloroethanol;
    - Amides* such as Butoctamide. Diethylbromoacetamide. Ibrotamide. Isovaleryl Diethylamide. Niaprazine. Tricetamide. Trimetozine. Zolpidem and Zopiclone;
    - Barbituric acid derivatives* such as Allobarbitol. Amobarbital. Aprobarbital. Barbitol. Brallobarbitol. Butabarbitol Sodium. Butalbital. Butallylonal. Butethal. Carbubarb. Cyclobarbitol. Cyclopentobarbitol. Enallylpropymal. 5-Ehtyl-5-(1-piperidyl) barbituric Acid.

33c

5-Furfuryl-5-isopropylbarbituric Acid. Heptabarbital. Hexethal Sodium. Hexobarbital. Mephobarbital. Methitural. Narcobarbital. Neobarbital. Pentobarbital Sodium. Phenallymal. Phenobarbital. Phenobarbital Sodium. Phenylmethylbarbituric Acid. Probarbital. Propallylonal. Proxibarbal. Reposal. Secobarbital Sodium. Talbutal. Tetrabarbital. Vinbarbital Sodium and Vinylbital;

*Benzodiazepine derivatives such as* Brotizolam. Doxefazepam. Estazolam. Flunitrazepam. Flurazepam. Haloxazolam. Loprazolam. Lormetazepam. Nitrazepam. Quazepam. Temazepam and Triazolam;

*Bromides such as* Ammonium Bromide. Calcium Bromide. Calcium Bromolactobionate. Lithium Bromide. Magnesium Bromide. Potassium Bromide and Sodium Bromide;

*Carbamates such as* Amyl Carbamate-Tertiary. Ethinamate. Hexapropymate. Meparfynol Carbamate. Novonal and Trichlorourethan;

*Chloral derivatives such as* Carbocloral. Chloral Betaine. Chloral Formamide. Chloral Hydrate. Chloralantipyrine. Dichloralphenazone. Pentaerythritol Chloral and Triclofos;

*Piperidinediones such as* Glutethimide. Methypyrion. Piperidione. Pyrithyldione. Taglutimide and Thalidomide;

*Quinazalone derivatives such as* Etaqualone. Mecloqualone and Methaqualone; and

*others such as* Acetal. Acetophenone. Aldol. Ammonium Valerate. Amphenidone. d-Bornyl  $\alpha$ -Bromoisovalerate. d-Bornyl Isovalerate. Bromoform. Calcium 2-Ethylbutanoate. Carfinat.  $\alpha$ -Chloralose. Clomethiazole. Cypridium. Doxylamine. Etodroxizine. Etomidate. Fenadiazole. Homofenazine. Hydrobromic Acid. Mecloamine. Menthyl Valerate. Opium. Paraldehyde. Perlamine. Propiomazine. Rilmazafone. Sodium Oxybate. Sulfonethylmethane and Sulfonmethane.

135. *Thrombolytic agents such as* APSAC. Plasmin. Pro-Urokinase. Streptokinase. Tissue Plasminogen Activator and Urokinase.

136. *Thyrotropic hormones such as* TRH and TSH.

137. *Uricosurics such as* Benzbromarone. Ethebenecid. Orotic Acid. Oxycinchophen. Probenecid. Sulfinpyrazone. Ticrynafen and Zoxazolamine.

138. *Vasodilators (cerebral) such as* Bencyclane. Cinnarizine. Citicoline. Cyclandelate. Ciclonicate. Diisopropylamine Dichloroacetate. Eburnamonine. Fenoxedil. Flunarizine. Ibudilast. Ifenprodil. Nafronyl. Nicametate. Nicergoline. Nimodipine. Papaverine. Pentifylline. Tinofedrine. Vincamine. Vinpocetine and Viquidil.

139. *Vasodilators (coronary) such as* Amotriphene. Bendazol. Benfurodil Hemisuccinate. Benziodarone. Chloracizine. Chromonar. Clobenfurol. Clonitrate. Dilazep. Dipyrindamole. Droprenilamine. Efloxate. Erythritol. Erythrityl Tetranitrate. Etafenone. Fendiline. Floredil. Ganglefene. Hexestrol Bis( $\beta$ -diethylaminoethyl ether). Hexobendine. Itramin Tosylate. Khellin. Lidoflazine. Mannitol Hexanitrate. Medibazine. Nicorandil. Nitroglycerin. Pentaerythritol Tetranitrate. Pentrinitrol. Perhexiline. Pimefylline. Prenylamine. Propatyl Nitrate. Pyridofylline. Trepidil. Tricromyl. Trimetazidine. Trolnitrate Phosphate and Visnadine.

140. *Vasodilators (peripheral) such as* Aluminum Nicotinate. Barnethan. Bencyclane. Betahistine. Bradykinin. Brovincamine. Bufonide. Buflomedil. Butalamine. Cetiedil. Ciclonicate. Cinepazide. Cinnarizine. Cyclandelate. Diisopropylamine Dichloroacetate. Eledoisin. Fenoxedil. Flunarizine. Hepronicate. Ifenprodil. Inositol Niacinate. Isoxsuprine. Kallidin. Kallikrein. Moxisylyte. Nafronyl. Nicametate. Nicergoline. Nicofuranose. Nicotiny Alcohol. Nylidrin. Pentifylline. Pentoxifylline. Piribedil. Prostaglandin E<sub>1</sub>. Suloctidil and Xanthinol Niacinate.

141. *Vasoprotectants such as* Benzarone. Bioflavonoids. Chromocarb. Clobenoside. Diosmin. Dobesilate Calcium. Escin. Folescutol. Leucocyanidin. Metescufylline. Quercetin. Rutin and Troxerutin.

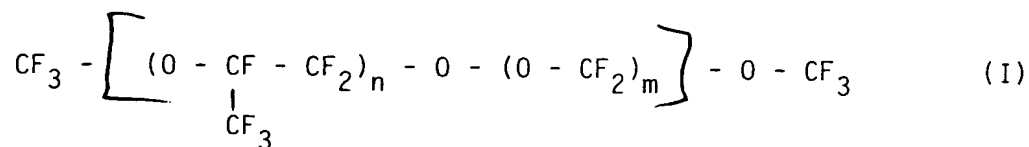
142. *Vitamins, vitamin sources and vitamin extracts such as* Vitamins A, B, C, D, E and K and derivatives thereof. Calciferols. Glycyrrhiza and Mecobalamin.

143. *Vulnerary agents such as* Acetylcysteine. Allantoin. Asiaticoside. Cadexomer Iodine. Chitin. Dextranomer and Oxaceprol.

9. Utilizzazione come da rivendicazioni 5 o 6, caratterizzata dal fatto che il transassorbimento dei farmaci è incrementato fino a oltre 5 volte la loro capacità naturale.

5

10. Composti della classe dei Perfluoropolyeteri di formula I



10

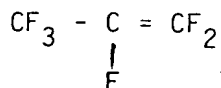
con  $n$  e  $m > 18$  e  $< 46$  e con pesi molecolari fra  $\sim 600$  e  $\sim 8000$ .

15

11. Composti come da rivendicazione 10 con  $n$  e  $m > 24$  e  $< 36$  e con pesi molecolari fra 1000 e 4000.

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12. Composti come da rivendicazione 10, ottenuti mediante polimerizzazione di esafluoropropene



25

con ossigeno attivato all'UV.

(9.5/18.2//PA9951CH)

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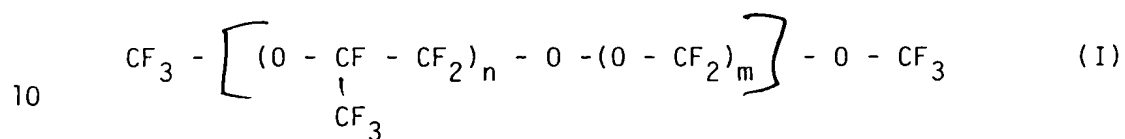
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PA 99/51 CH

ESTRATTO

5 Le nuove composizioni farmaceutiche contengono, a parte del o dei  
principio(i) attivo(i),

- tra i 0,01 ed i 60 % p/p dei composti di formula I



con  $n$  e  $m > 18$  e  $< 46$  e con pesi molecolari fra  $\sim 600$  e  $\sim 8000$

15 per promuovere l'assorbimento del o dei principio(i) attivo(i).

In più dette composizioni possono contenere anche fra 0,01 e 20 % p/p  
di Fosfatidilcolina.

20

25 (9.5/18.2//PA99/51CH)

30



1  
2  
3  
4

1  
2  
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